

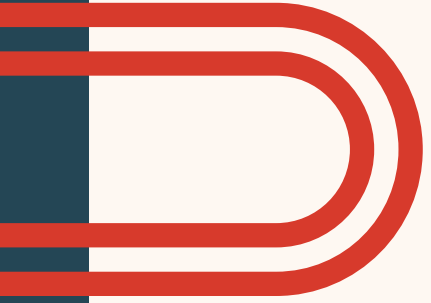
# NON-GHG INVENTORY REPORTING

## YEAR 2025

Richa Fashion Private  
Limited

C-39, Sector-57, 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**

## RICHA FASHION PRIVATE LIMITED

Established on March 10, 2011, Richa Fashion Private Limited is a leading export house specializing in the manufacturing and trading of fashion garments and accessories. Since its inception, the company has made a mark in the international market, particularly in the export of ladies' woven garments.

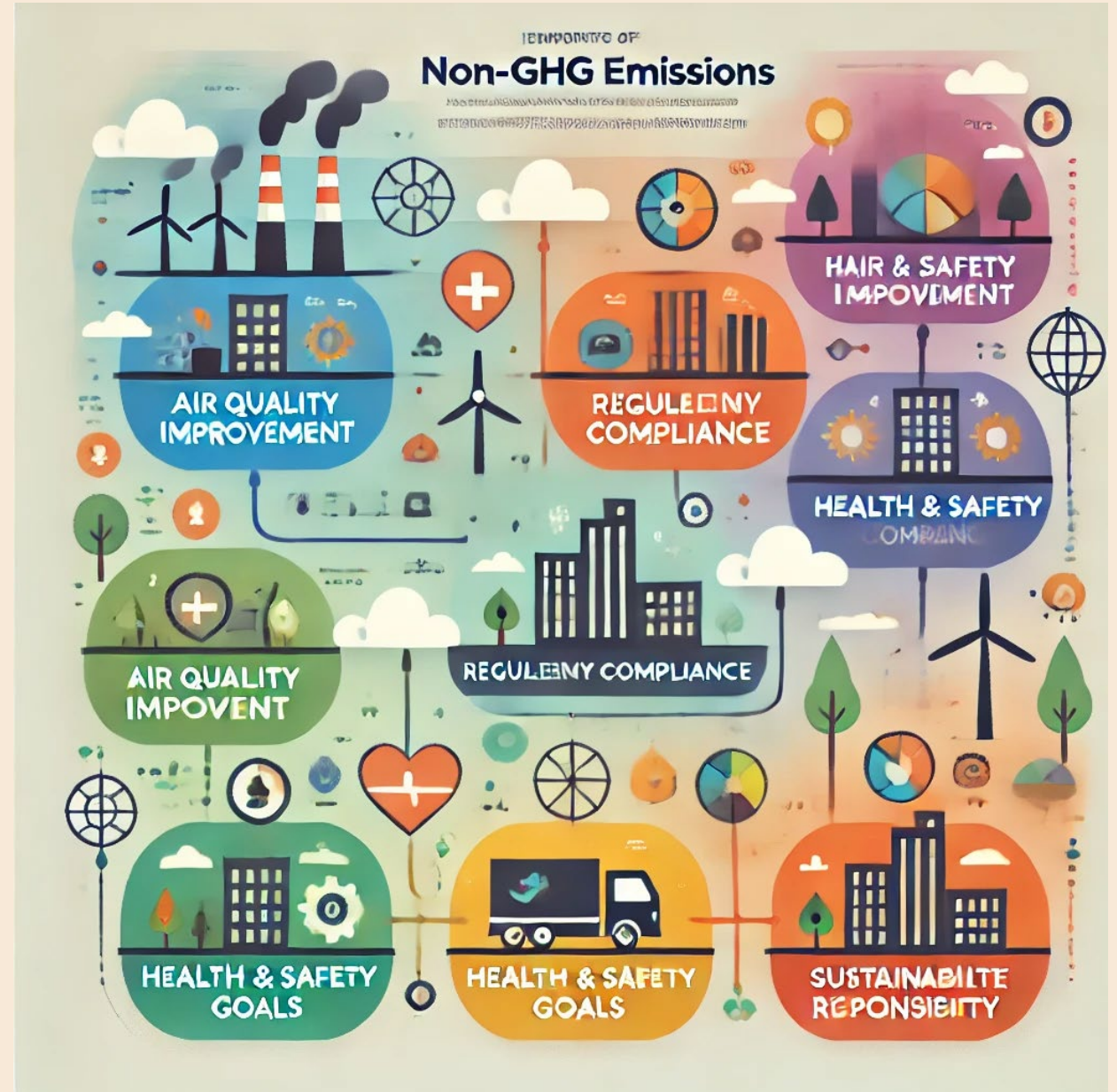
Its dedication to quality, excellence, and safety has played a key role in building a strong global reputation.

Guided by directors Romila Verma, Pranav Verma, and Satish Verma, the company continues to drive strategic growth and innovation in the industry.

The company emphasizes creating a comfortable work environment with a focus on health, safety, and sustainability.



# 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



- Richa Fashion Private Limited has been a trusted name in garment exports, supplying high-quality ready-made apparel to leading European brands.
- The company's infrastructure includes a head office in Noida, Uttar Pradesh, with an in-house design team capable of creating products tailored to diverse market requirements.
- The company maintains in-house laboratories for extensive testing and places special emphasis on sustainability, being highly rated on Environmental, Social, and Governance (ESG) initiatives.
- Compliance is a cornerstone of Richa Fashion's operations. The company emphasizes environmental sustainability and corporate social responsibility.







## Introduction

- This document outlines the **non-GHG emissions reporting framework** for Richa Fashion Private Limited, 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 ***Richa Fashion Private Limited, 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 Richa Fashion Private Limited, 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. Pranav Verma | 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	GHG Scope	Unit	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1	Shipment	Yearly	Pcs	95986	78931	45626	30868	36974	35084	22780	14987	1808	19973	64332	68659	516008
2	Shipment	Yearly	Kg	23997	19733	11407	7717	9244	8771	5695	3747	452	4993	16083	17165	129004
3	Production	Yearly	Pcs	106826	87839	72999	64051	43895	45575	42541	26462	66798	47229	77912	95446	777573
4	Production	Yearly	Kg	26707	21960	18250	16013	10974	11394	10635	6616	16700	11807	19478	23862	194396
7	Manpower	Yearly	Number	593	553	500	451	376	403	346	269	431	417	577	635	463
8	Working Days	Yearly	Number	27	24	24	26	27	25	27	23	26	22	25	27	303

# COMPANY OVERVIEW

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

# LIST OF UTILITIES 2025

## YEAR 2025

S.No.	Description	Unit	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1	PNG consumed in Boiler 1	SCM	114	72	82	94	58	59	61	47	78	97	126	118	1008
2	PNG consumed in Boiler 2	SCM	114	72	82	94	58	59	61	47	78	97	126	118	1008
3	PNG consumed in Boiler 3	SCM	114	72	82	94	58	59	61	47	78	97	126	118	1008
4	PNG consumed in Boiler 4	SCM	114	72	82	94	58	59	61	47	78	97	126	118	1008
5	<b>Total PNG consumed in Boilers</b>	SCM	456	288	330	374	232	236	246	189	314	388	506	474	4033
6	PNG consumed in Tumbler 1	SCM	1812	1146	1310	1489	920	940	977	753	1248	1542	2011	1884	16032
7	PNG consumed in Tumbler 2	SCM	1812	1146	1310	1489	920	940	977	753	1248	1542	2011	1884	16032
8	<b>Total PNG consumed in Tumblers</b>	SCM	3624	2292	2621	2977	1841	1879	1954	1506	2496	3085	4021	3768	32065

# ENVIORNMENTAL DATA - 2025 - PART 1

## YEAR 2025

S.No.	Description	Unit	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1	PNG consumed in DG Set	SCM	456	288	330	374	232	236	246	189	314	388	506	474	4033
2	Total PNG consumed	SCM	4536	2868	3280	3726	2304	2352	2446	1885	3124	3861	5033	4716	40131
3	Diesel consumed in DG set (320 KVa)	Ltr	171	402	240	332	383	362	234	171	192	250	234	202	3173
4	LPG (Canteen)	Kg	38	38	38	38	38	38	38	38	38	38	38	38	456
5	Shipping Distance Kms By HGV Vehicle - CNG	Km	4800	6400	1600	3200	8000	14400	11200	6400	1600	6400	6400	14400	84800
6	Employee Commute By Car Petrol	Km	594	528	528	572	594	550	594	506	572	484	550	594	6666
7	Employee Commute By Motorcycle Petrol	Km	25677	22824	22824	24726	25677	23775	25677	21873	24726	20922	23775	25677	288153

## ENVIORNMENTAL DATA – 2025 – PART 2

# 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)	4033	140.35	7.02	8.81	17.54	28.07	0.05	18.15
DG set 1	PNG (SCM)	661	1.65	0.01	0.07	0.20	0.53	0.001	0.20



# 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 (50 kg)	PNG (SCM)	1008	2.52	0.02	0.10	0.30	0.81	0.002	0.30
Boiler 2 (50 kg)	PNG (SCM)	1008	2.52	0.02	0.10	0.30	0.81	0.002	0.30
Boiler 3 (50 kg)	PNG (SCM)	1008	2.52	0.02	0.10	0.30	0.81	0.002	0.30
Boiler 4 (50 kg)	PNG (SCM)	1008	2.52	0.02	0.10	0.30	0.81	0.002	0.30



# 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 – 50kg	PNG (SCM)	16032	40.08	0.32	1.60	4.81	12.83	0.03	4.81
Tumbler 2– 50kg	PNG (SCM)	16032	40.08	0.32	1.60	4.81	12.83	0.03	4.81



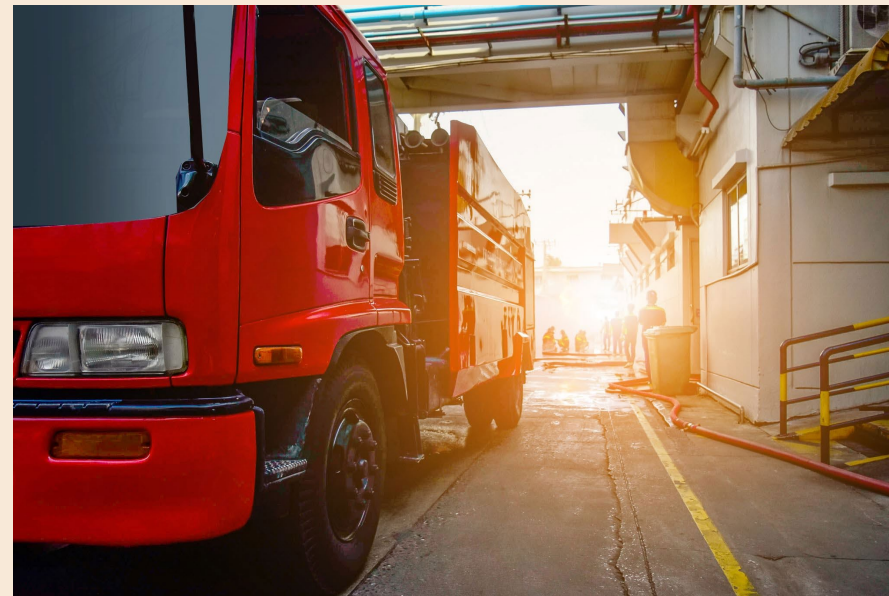
# EMISSION FROM CANTEEN COMBUSTION- 2025



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)
Canteen Combustion	LPG (kg)	456	1.37	0.01	0.05	0.14	0.55	0.002	0.14



# 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)	84800	25.0	0.4	0.7	12.5	83.2	0.2	12.5

## NON-GHG EMISSION – EMPLOYEE COMMUTE 2025

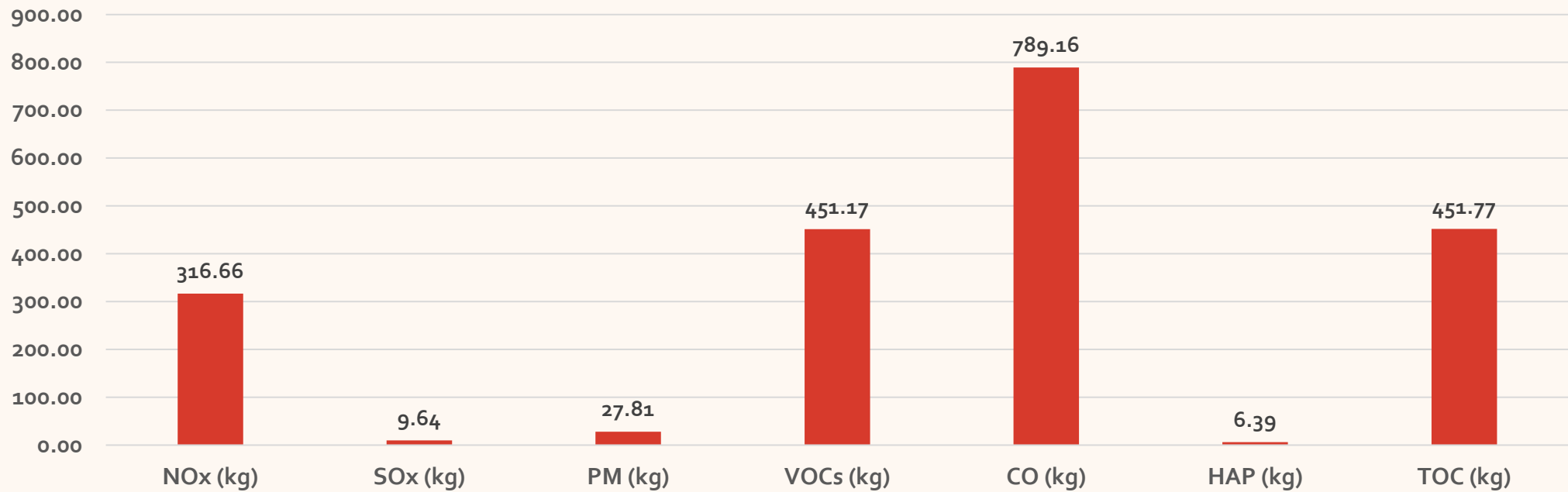
Source	Fuel Type / Category	Activity Value	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Car Employee Commute	Petrol (km)	6666	3.33	0.02	0.20	0.80	14.00	0.33	0.80
Motorcycle Employee Commute	Petrol (km)	288153	54.75	1.44	14.41	409.18	633.94	5.76	409.18

# 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	233.62	7.76	12.53	28.71	58.03	0.12	29.31
Indirect Source Emission	83.04	1.88	15.27	422.46	731.14	6.26	422.46
<b>Total Emission</b>	<b>316.66</b>	<b>9.64</b>	<b>27.81</b>	<b>451.17</b>	<b>789.16</b>	<b>6.39</b>	<b>451.77</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	316.66	9.64	27.81	451.17	789.16	6.39	451.77
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	0.001	0.00002	0.00005	0.001	0.002	0.00001	0.001

## TOTAL NORMALIZED BY SHIPMENT IN KG – 2025

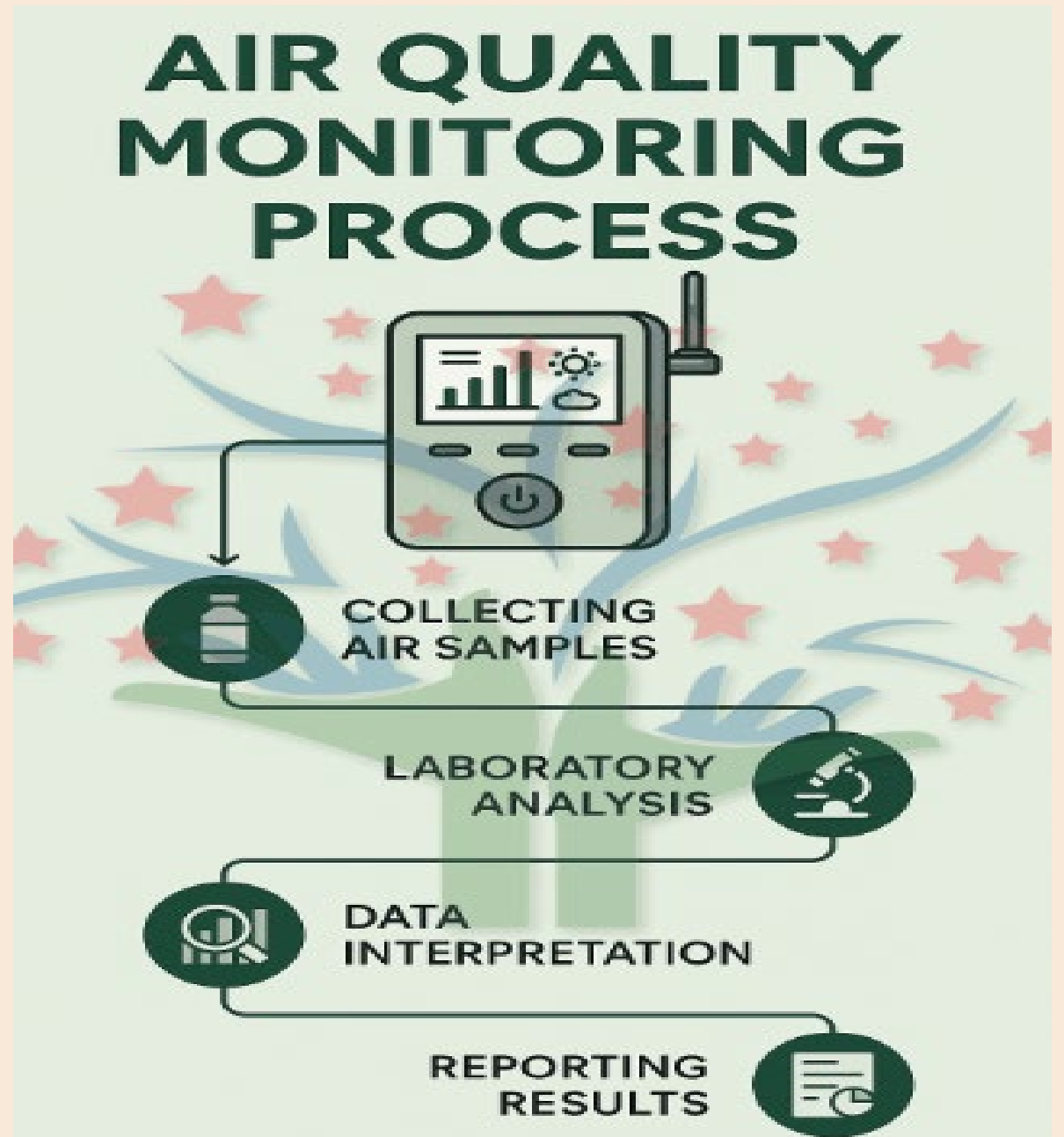
Absolute	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	316.66	9.64	27.81	451.17	789.16	6.39	451.77
Emission per shipment kg	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	0.002	0.0001	0.0002	0.003	0.006	0.00005	0.004

# 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)	278.19	5.68	17.33	98.88	846.16
2023 (Normalized)	0.001	0.00001	0.00004	0.0002	0.002
<b>2024</b>					
<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)	364.81	8.47	22.23	89.40	869.78
2024 (Normalized)	0.001	0.00002	0.0001	0.0002	0.002
<b>2025</b>					
<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)	316.66	9.64	27.81	451.17	789.16
2025 (Normalized)	0.001	0.00002	0.0001	0.001	0.002

# FUGITIVE SOURCE EMISSIONS 2025



### Work Zone Air Quality Monitoring Results - Tested on 13/09/2025

#### From Inside Basement Area

S. No.	Parameters	Unit	Results	Specification/Limit (As per OSHA)	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	1.18	15	ETS/STP/WZ-03
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.037	13	ETS/STP/WZ-04
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.065	9	ETS/STP/WZ-05
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.81	55	ETS/STP/WZ-08

#### From Inside Ground Floor Area

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	1.13	15	ETS/STP/WZ-03
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.032	13	ETS/STP/WZ-04
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.056	9	ETS/STP/WZ-05
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.78	55	ETS/STP/WZ-08

#### From Inside First Floor Area

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	1.11	15	ETS/STP/WZ-03
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.027	13	ETS/STP/WZ-04
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.068	9	ETS/STP/WZ-05
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.75	55	ETS/STP/WZ-08

## Work Zone Air Quality Monitoring Results - Tested on 13/09/2025

### From Inside Second Floor Area

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	1.24	15	ETS/STP/WZ-03
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.039	13	ETS/STP/WZ-04
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.061	9	ETS/STP/WZ-05
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.73	55	ETS/STP/WZ-08

### From Inside Third Floor Area

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	0.91	15	ETS/STP/WZ-03
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.035	13	ETS/STP/WZ-04
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.063	9	ETS/STP/WZ-05
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.54	55	ETS/STP/WZ-08

# Work Zone Air Quality Testing Report From Inside Basement Area



**ENVIRO TECH SERVICES PVT. LTD.**  
*An Analytical Laboratory*

(AN ISO 45001:2018 Certified Laboratory)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001  
email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



**TC-15390**

### TEST REPORT


TEST REPORT NO.: ETS/1458/09/2025    ULRNO.TC153902500001458F    DATE OF REPORT: 17.09.2025

#### WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S RICHA FASHION PVT.LTD,  
C-39 SECTOR-57,  
NOIDA U.P.INDIA


Date of Monitoring : 13.09.2025  
Analysis Start Date : 15.09.2025  
Analysis End Date : 17.09.2025  
Duration Of Monitoring : 13.09.2025 To 13.09.2025 8 HOURS, TWA  
Time Of Monitoring : 11:25 AM To 07:25 PM  
Sample ID No : 1458  
Sampling Done By : ETS STAFF  
Sampling Location : INSIDE BASEMENT AREA  
Sampling Method : ETS/STP/AIR-01  
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL  
Weather Condition : CLEAR    Ambient Temperature: 30.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	25.4	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	47.2	Not Specified	ETS/STP/WZ-02



**CHECKED BY**  
**RAMIZA BANO**  
(Quality Manager)

For Enviro Tech Services Pvt. Ltd.




**AUTHORIZED SIGNATORY**  
(Quality Manager)

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

**Notes:-**

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. This sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





**ENVIRO TECH SERVICES PVT. LTD.**  
*An Analytical Laboratory*

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001  
email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



**ISO 45001**


### TEST REPORT

TEST REPORT NO.: ETS/1458/09/2025    DATE OF REPORT: 17.09.2025

#### WORK ZONE AIR MONITORING AND ANALYSIS REPORT


S. No.	Test Parameter	Unit	Result	Specification/Limit (As per OSHA)	Test Method
3	Particulate Matters,(PM)	mg/m3	1.18	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.037	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO2)	mg/m3	0.065	9	ETS/STP/WZ-06
6	Carbon Monoxide,(CO)	mg/m3	0.81	55	ETS/STP/WZ-08
7	Benzene,(C6H6)	ppm	<0.01	10	ETS/STP/WZ-11
8	Toluene,(C6H5CH3)	ppm	<0.01	200	ETS/STP/WZ-11
9	Xylene,(C6H4(CH3)2	mg/m3	<0.01	435	ETS/STP/WZ-11
10	Ammonia,(NH3)	mg/m3	<0.01	35	ETS/STP/WZ-06
11	Ozone,(O3)	mg/m3	<0.01	0.2	ETS/STP/WZ-07
12	Methane (CH <sub>4</sub> )	mg/m <sup>3</sup>	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m <sup>3</sup>	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H <sub>2</sub> S)	mg/m <sup>3</sup>	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m <sup>3</sup>	<0.01	30	ETS/STP/WZ

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



**CHECKED BY**  
**RAMIZA BANO**  
(Quality Manager)

For Enviro Tech Services Pvt. Ltd.




**AUTHORIZED SIGNATORY**  
(Quality Manager)

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019


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# Work Zone Air Quality Testing Report From Inside Ground Floor Area



**ENVIRO TECH SERVICES PVT. LTD.**  
*An Analytical Laboratory*  
(AN ISO 45001:2018 Certified Laboratory)  
Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001  
email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TC-15390


**TEST REPORT**  
TEST REPORT NO.: ETS/1459/09/2025 ULRNO.TC153902500001459F DATE OF REPORT: 17.09.2025

**WORK ZONE AIR MONITORING AND ANALYSIS REPORT**

Name And Address of Customer : M/S RICH A FASHION PVT.LTD,  
C-39 SECTOR-57,  
NOIDA U.P,INDIA

Date of Monitoring : 13.09.2025  
Analysis Start Date : 15.09.2025  
Analysis End Date : 17.09.2025  
Duration Of Monitoring : 13.09.2025 To 13.09.2025 8 HOURS, TWA  
Time Of Monitoring : 11:36 AM To 07:36 PM  
Sample ID No : 1459  
Sampling Done By : ETS STAFF  
Sampling Location : INSIDE GROUND FLOOR AREA  
Sampling Method : ETS/STP/AIR-01  
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL  
Weather Condition : CLEAR Ambient Temperature: 30.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	24.5	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	49.2	Not Specified	ETS/STP/WZ-02



CHECKED BY  
**RAMIZA BANO**  
ETS-LAB


For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY  
*(Ind Mumraj)*  
(Quality Manager)

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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ISO 45001

**TEST REPORT**  
TEST REPORT NO.: ETS/1459/09/2025 DATE OF REPORT: 17.09.2025

**WORK ZONE AIR MONITORING AND ANALYSIS REPORT**

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per OSHA)	Test Method
3	Particulate Matters,(PM)	mg/m3	1.13	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.032	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO2)	mg/m3	0.056	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.78	55	ETS/STP/WZ-08
7	Benzene,(C6H6)	ppm	<0.01	10	ETS/STP/WZ-11
8	Toluene,(C6H5CH3)	ppm	<0.01	200	ETS/STP/WZ-11
9	Xylene,(C6H4(CH3)2)	mg/m3	<0.01	435	ETS/STP/WZ-11
10	Ammonia,(NH3)	mg/m3	<0.01	35	ETS/STP/WZ-06
11	Ozone,(O3)	mg/m3	<0.01	0.2	ETS/STP/WZ-07
12	Methane (CH <sub>4</sub> )	mg/m <sup>3</sup>	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m <sup>3</sup>	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H <sub>2</sub> S)	mg/m <sup>3</sup>	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m <sup>3</sup>	<0.01	30	ETS/STP/WZ

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



CHECKED BY  
**RAMIZA BANO**  
ETS-LAB

For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY  
*(Ind Mumraj)*  
(Quality Manager)

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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# Work Zone Air Quality Testing Report From Inside First Floor Area



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**TC-15390**



## TEST REPORT

TEST REPORT NO.: ETS/1460/09/2025    ULRNO.TC153902500001460F    DATE OF REPORT: 17.09.2025

### WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S RICHA FASHION PVT.LTD,  
C-39 SECTOR-67,  
NOIDA U.P,INDIA

Date of Monitoring : 13.09.2025  
 Analysis Start Date : 15.09.2025  
 Analysis End Date : 17.09.2025  
 Duration Of Monitoring : 13.09.2025 To 13.09.2025 8 HOURS, TWA  
 Time Of Monitoring : 11:23 AM To 07:23 PM  
 Sample ID No : 1460  
 Sampling Done By : ETS STAFF  
 Sampling Location : INSIDE FIRST FLOOR AREA  
 Sampling Method : ETS/STP/AIR-01  
 Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL  
 Weather Condition : CLEAR    Ambient Temperature: 30.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	25.7	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	50.1	Not Specified	ETS/STP/WZ-02

  
**CHECKED BY**  
**RAMIZA BANO**  
(Quality Manager)

For Enviro Tech Services Pvt. Ltd.  
  
**AUTHORIZED SIGNATORY**  
(Quality Manager)

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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**ISO 45001**



## TEST REPORT

TEST REPORT NO.: ETS/1460/09/2025    DATE OF REPORT: 17.09.2025

### WORK ZONE AIR MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per OSHA)	Test Method
3	Particulate Matters,(PM)	mg/m3	1.11	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.027	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO2)	mg/m3	0.068	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.75	55	ETS/STP/WZ-08
7	Benzene,(C6H6)	ppm	<0.01	10	ETS/STP/WZ-11
8	Toluene,(C6H5CH3)	ppm	<0.01	200	ETS/STP/WZ-11
9	Xylene,(C6H4(CH3)2)	mg/m3	<0.01	435	ETS/STP/WZ-11
10	Ammonia,(NH3)	mg/m3	<0.01	35	ETS/STP/WZ-06
11	Ozone,(O3)	mg/m3	<0.01	0.2	ETS/STP/WZ-07
12	Methane (CH <sub>4</sub> )	mg/m <sup>3</sup>	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m <sup>3</sup>	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H <sub>2</sub> S)	mg/m <sup>3</sup>	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m <sup>3</sup>	<0.01	30	ETS/STP/WZ

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

  
**CHECKED BY**  
**RAMIZA BANO**  
(Quality Manager)

For Enviro Tech Services Pvt. Ltd.  
  
**AUTHORIZED SIGNATORY**  
(Quality Manager)

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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# Work Zone Air Quality Testing Report From Inside Second Floor Area



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### TEST REPORT

TEST REPORT NO.: ETS/1461/09/2025    ULRNO.TC153902900001461F    DATE OF REPORT: 17.09.2025

#### WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/S RICHA FASHION PVT.LTD,  
C-39 SECTOR-57,  
NOIDA U.P,INDIA

Date of Monitoring : 13.09.2025  
 Analysis Start Date : 15.09.2025  
 Analysis End Date : 17.09.2025  
 Duration Of Monitoring : 13.09.2025 To 13.09.2025 8 HOURS, TWA  
 Time Of Monitoring : 11:10 AM To 07:10 PM  
 Sample ID No : 1461  
 Sampling Done By : ETS STAFF  
 Sampling Location : INSIDE SECOND FLOOR AREA  
 Sampling Method : ETS/STP/AIR-01  
 Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL  
 Weather Condition : CLEAR    Ambient Temperature: 30.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	24.9	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	46.1	Not Specified	ETS/STP/WZ-02

  
 CHECKED BY  
**RAMIZA BANO**

For Enviro Tech Services Pvt. Ltd.  
 AUTHORIZED SIGNATORY  
*Md Humraj*  
 (Quality Manager)

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### TEST REPORT

TEST REPORT NO.: ETS/1461/09/2025    DATE OF REPORT: 17.09.2025

#### WORK ZONE AIR MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per OSHA)	Test Method
3	Particulate Matters,(PM)	mg/m3	1.24	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.039	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NOX)	mg/m3	0.081	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.73	56	ETS/STP/WZ-06
7	Benzene,(C6H6)	ppm	<0.01	10	ETS/STP/WZ-11
8	Toluene,(C6H5CH3)	ppm	<0.01	200	ETS/STP/WZ-11
9	Xylene,(C6H4(CH3)2)	mg/m3	<0.01	435	ETS/STP/WZ-11
10	Ammonia,(NH3)	mg/m3	<0.01	35	ETS/STP/WZ-06
11	Ozone,(O3)	mg/m3	<0.01	0.2	ETS/STP/WZ-07
12	Methane (CH <sub>4</sub> )	mg/m <sup>3</sup>	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m <sup>3</sup>	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H <sub>2</sub> S)	mg/m <sup>3</sup>	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m <sup>3</sup>	<0.01	30	ETS/STP/WZ

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

  
 CHECKED BY  
**RAMIZA BANO**

For Enviro Tech Services Pvt. Ltd.  
 AUTHORIZED SIGNATORY  
*Md Humraj*  
 (Quality Manager)

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# Work Zone Air Quality Testing Report

## From Inside Third Floor Area



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**TEST REPORT**

TEST REPORT NO.: ETS/1462/09/2025    ULRNO: TC153902500001462F    DATE OF REPORT: 17.09.2025

**WORK ZONE AIR MONITORING AND ANALYSIS REPORT**

Name And Address of Customer : M/S RICH A FASHION PVT.LTD,  
C-39 SECTOR-57,  
NOIDA U.P,INDIA

Date of Monitoring : 13.09.2025

Analysis Start Date : 15.09.2025

Analysis End Date : 17.09.2025

Duration Of Monitoring : 13.09.2025 To 13.09.2025 8 HOURS, TWA

Time Of Monitoring : 11:38 AM To 07:38 PM

Sample ID No : 1462

Sampling Done By : ETS STAFF

Sampling Location : INSIDE THIRD FLOOR AREA

Sampling Method : ETS/STP/AIR-01

Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL

Weather Condition : CLEAR    Ambient Temperature: 30.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	24.6	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	47.3	Not Specified	ETS/STP/WZ-02

CHECKED BY  
**RAMIZA BANO**

For Enviro Tech Services Pvt. Ltd.  
AUTHORISED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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**TEST REPORT**

TEST REPORT NO.: ETS/1462/09/2025    DATE OF REPORT: 17.09.2025

**WORK ZONE AIR MONITORING AND ANALYSIS REPORT**

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per OSHA)	Test Method
3	Particulate Matters,(PM)	mg/m3	0.91	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.035	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO2)	mg/m3	0.063	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.54	55	ETS/STP/WZ-08
7	Benzene,(C6H6)	ppm	<0.01	10	ETS/STP/WZ-11
8	Toluene,(C6H5CH3)	ppm	<0.01	200	ETS/STP/WZ-11
9	Xylene,(C6H4(CH3)2	mg/m3	<0.01	435	ETS/STP/WZ-11
10	Ammonia,(NH3)	mg/m3	<0.01	35	ETS/STP/WZ-06
11	Ozone,(O3)	mg/m3	<0.01	0.2	ETS/STP/WZ-07
12	Methane (CH <sub>4</sub> )	mg/m <sup>3</sup>	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m <sup>3</sup>	<0.01	3	IS: 5182 (Part-10)
14	Hydrogen Sulphide (H <sub>2</sub> S)	mg/m <sup>3</sup>	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m <sup>3</sup>	<0.01	30	ETS/STP/WZ

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

CHECKED BY  
**RAMIZA BANO**

For Enviro Tech Services Pvt. Ltd.  
AUTHORISED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-04, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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**POINT SOURCE  
EMISSIONS  
2025**

# BOILER STACK EMISSION 2025

## Boiler 1 Stack Emission Report - Tested on – 12/12/2025 - 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>	16.5	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

## Boiler 2 Stack Emission Report - Tested on – 12/12/2025 - 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>	13.1	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

## Boiler 3 Stack Emission Report - Tested on – 12/12/2025 - 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>	16.9	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

## Boiler 4 Stack Emission Report - Tested on – 12/12/2025 - 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>	16.3	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

# BOILER STACK EMISSION REPORT 2025 BOILER 1 – 50 KG/HR

**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 Stack

Test Report Number	GES/R1225/12116	Issued Date: 15.12.2025	
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. C-39, SECTOR-57, NOIDA, U.P. INDIA		
<b>Details of Sample</b>			
Job Order Number	GES/2025/12A12116	Sample Receiving Date	12.12.2025
Sample Description	Stack	Analysis Start Date	12.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	15.12.2025

### Stack Emission Analysis

#### Sample Particulars:

Sample Name : Stack Emission  
 Stack attached to : Boiler No-01  
 Capacity of Stack : 50 kg/hr  
 Date of Sampling : 11.12.2025  
 Normal Operating Schedule : as per requirement  
 Type of Fuel : PNG  
 Type of Stack : MS/ Circular  
 Stack Height from Ground Level : 4 mtr  
 Stack Diameter : 100 mm  
 Sampling Duration (Minutes) : 49  
 Ambient Temperature (°C) : 22  
 Stack Temperature (°C) : 70  
 Stack Gas Velocity (m/s), Avg : 12.2  
 Quantity of Emission (Nm<sup>3</sup>/s) : 296  
 APCS Attached : ---  
 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>	16.5	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Green Enviro Tech Services Pvt. Ltd.

Authorized by  
 Hemendra Kumar  
 Quality Manager  
 \*\*\*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.
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# BOILER STACK EMISSION REPORT 2025 BOILER 2 – 50 KG/HR

**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 Stack

Test Report Number	GES/R1225/12117	Issued Date: 15.12.2025	
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. C-39, SECTOR-57, NOIDA, U.P. INDIA		
<b>Details of Sample</b>			
Job Order Number	GES/2025/12A12117	Sample Receiving Date	12.12.2025
Sample Description	Stack	Analysis Start Date	12.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	15.12.2025

### Stack Emission Analysis

#### Sample Particulars:

Sample Name : Stack Emission  
 Stack attached to : Boiler No-02  
 Capacity of Stack : 50 kg/hr  
 Date of Sampling : 11.12.2025  
 Normal Operating Schedule : as per requirement  
 Type of Fuel : PNG  
 Type of Stack : MS/ Circular  
 Stack Height from Ground Level : 4 mtr  
 Stack Diameter : 100 mm  
 Sampling Duration (Minutes) : 50  
 Ambient Temperature (°C) : 22  
 Stack Temperature (°C) : 90  
 Stack Gas Velocity (m/s), Avg : 12.8  
 Quantity of Emission (Nm<sup>3</sup>/s) : 293  
 APCS Attached : ---  
 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>	13.1	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Green Enviro Tech Services Pvt. Ltd.

Authorized by  
 Hemendra Kumar  
 Quality Manager  
 \*\*\*End of Report\*\*\*

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# BOILER STACK EMISSION REPORT 2025 BOILER 3 – 50 KG/HR

# BOILER STACK EMISSION REPORT 2025 BOILER 4 – 50 KG/HR

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## TEST REPORT

### Stack

Test Report Number	GES/R1225/12118	Issued Date: 15.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. C-39, SECTOR-57, NOIDA, U.P, INDIA	
<b>Details of Sample</b>		
Job Order Number	GES/2025/12A12118	Sample Receiving Date 12.12.2025
Sample Description	Stack	Analysis Start Date 12.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date 15.12.2025

### Stack Emission Analysis

#### Sample Particulars:

Sample Name : Stack Emission  
 Stack attached to : Boiler No-03  
 Capacity of Stack : 50 kg/hr  
 Date of Sampling : 11.12.2025  
 Normal Operating Schedule : as per requirement  
 Type of Fuel : PNG  
 Type of Stack : MS/ Circular  
 Stack Height from Ground Level : 4 mtr  
 Stack Diameter : 100 mm  
 Sampling Duration (Minutes) : 50  
 Ambient Temperature (°C) : 22  
 Stack Temperature (°C) : 108  
 Stack Gas Velocity (m/s), Avg : 13.2  
 Quantity of Emission (Nm<sup>3</sup>/s) : 288  
 APCS Attached : ---  
 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>	16.9	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Checked by  
For No. GES/7.88-05, Issue No.-01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

Authorized by  
M. Indra Kumari  
Quality Manager



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## TEST REPORT

### Stack

Test Report Number	GES/R1225/12119	Issued Date: 15.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. C-39, SECTOR-57, NOIDA, U.P, INDIA	
<b>Details of Sample</b>		
Job Order Number	GES/2025/12A12119	Sample Receiving Date 12.12.2025
Sample Description	Stack	Analysis Start Date 12.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date 15.12.2025

### Stack Emission Analysis

#### Sample Particulars:

Sample Name : Stack Emission  
 Stack attached to : Boiler No-04  
 Capacity of Stack : 50 kg/hr  
 Date of Sampling : 11.12.2025  
 Normal Operating Schedule : as per requirement  
 Type of Fuel : PNG  
 Type of Stack : MS/ Circular  
 Stack Height from Ground Level : 4 mtr  
 Stack Diameter : 100 mm  
 Sampling Duration (Minutes) : 51  
 Ambient Temperature (°C) : 22  
 Stack Temperature (°C) : 124  
 Stack Gas Velocity (m/s), Avg : 13.7  
 Quantity of Emission (Nm<sup>3</sup>/s) : 287  
 APCS Attached : ---  
 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>	16.3	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5.0	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Checked by  
For No. GES/7.88-05, Issue No.-01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

Authorized by  
M. Indra Kumari  
Quality Manager



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# DG STACK EMISSION 2025

DG Stack Emission Report - Tested on - 12/12/2025 - 320 KVA					
S. No.	Parameters	Unit	Results	Specification as per EPA 1986	Test Method
1	Particulate Matter (PM)	g/kW-hr	<0.02	0.02	IS: 11255 (Part-01) 1985 RA2019
2	Oxide of Nitrogen (NOx as NO <sub>2</sub> )	g/kW-hr	0.16	0.4	IS: 11255 (Part-07) 2005 RA2017
3	Carbon Monoxide (CO)	g/kW-hr	0.17	3.5	IS: 13270
4	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	8.5	Not Specified	IS: 11255 (Part-02) 1985 RA2019
5	Hydrocarbon	g/kW-hr	0.09	0.19	USEPA 25A 2017

# DG STACK EMISSION REPORT 2025 – 320 KVA – STACK



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## TEST REPORT DG Stack

Test Report Number	GES/R1225/12115	Issued Date: 15.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. C-39, SECTOR-57, NOIDA, U.P, INDIA	
<b>Details of Sample</b>		
Job Order Number	GES/2025/12A12115	Sample Receiving Date 12.12.2025
Sample Description	DG Stack	Analysis Start Date 12.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date 15.12.2025

### STACK EMISSION ANALYSIS

**Sample Details:**

Sample Name	: Stack Emission
Purpose of monitoring	: To check the pollution load for Self-Assessment
Emission Source Monitored	: Stack Attached to DG Set
DG Capacity	: 320 KVA
Date of sampling	: 11.12.2025
Sampling done by	: GETS Lab Representative
Normal operation Schedule, hrs/day	: As per requirement
Type of stack/ duct	: Metal/ Circular
Type of fuel used	: HSD + PNG
Fuel Consumption	: 30% + 70%
Diameter of the Stack	: 100 mm
Stack Height from Ground Level	: 15 m
Sampling duration (minutes)	: 53
APCS Attached (If Any)	: Acoustic Enclosure
Sample packing & Marking	: Plastic Bottle, Thimble in Zip Polybag /DG 320 KVA

**Observations:**

Ambient Air temperature (°C)	: 22
Flue Gas Temperature (°C)	: 130
Flue Gas Velocity (m/s), Avg	: 13.4
Quantity of flue gas emission (Nm <sup>3</sup> /hr)	: 277

### ANALYSIS RESULT

S. No	Parameters	Unit	Results	Specification as per EPA 1986	Test Method
1.	Particulate Matter (PM)	g/kw-hr	<0.02	0.02	IS: 11255(Part-01)1985 RA2019
2.	Oxide of Nitrogen (NOx as NO2)	g/kw-hr	0.16	0.4	IS: 11255 (Part-07)2005 RA2017
3.	Carbon Monoxide (CO)	g/kw-hr	0.17	3.5	IS: 13270
4.	Sulphur Dioxide (SO2)	mg/Nm <sup>3</sup>	8.5	Not Specified	IS: 11255(Part-02) 1985 RA2019
5.	Hydrocarbon	g/kw-hr	0.09	0.19	USEPA 25A 2017



Checked by  
Format No.-G/S/7.RF-05, Issue No.-01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.  
Authorized by  
Page 01 of 01  
**Dr. Manoj Kumar**  
Quality Manager

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# 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, Richa Fashion Private Limited aims to enhance **environmental responsibility, transparency, and sustainability efforts**.

END OF REPORT