

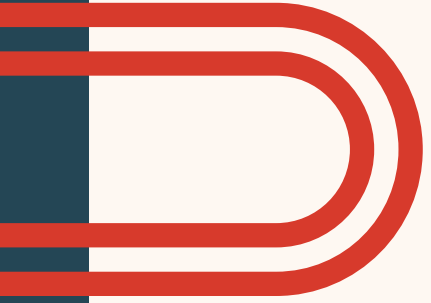
NON-GHG INVENTORY REPORTING

YEAR 2025

Richa Fashion
Private Limited

A-115, Sector 65,
Noida, UP





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.

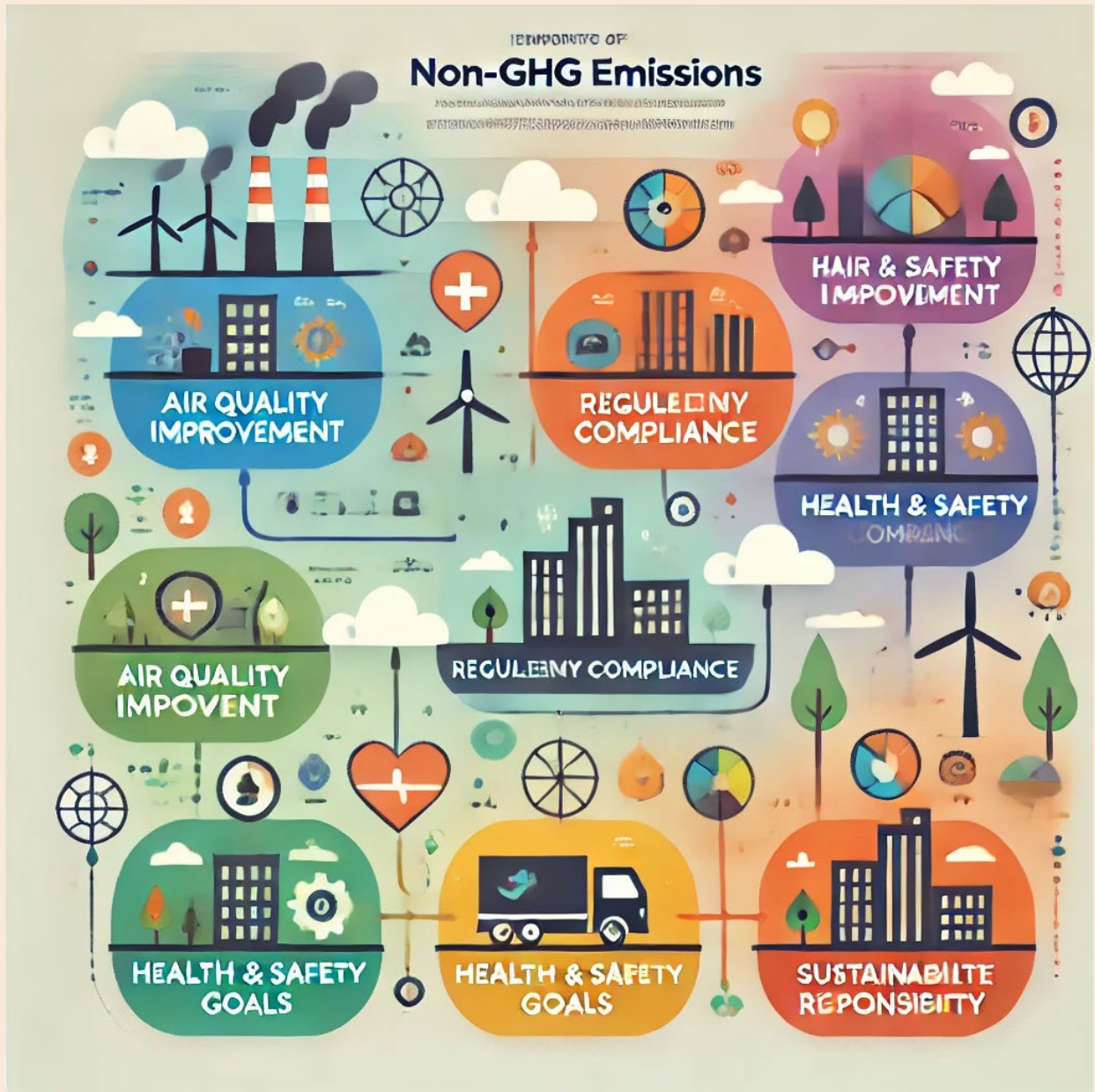
Guided by directors Romila Verma, Pranav Verma, and Satish Verma, the company continues to drive strategic growth and innovation in the industry.

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_x, SO₂, 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 _x , PM), process emissions (SO _x 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 _x , 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_x), sulphur dioxide (SO₂), 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: SO_2 , 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	Unit	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1	Shipment	Pcs	205333	158862	102192	42222	64461	54811	47899	20137	27931	19743	59884	96040	899515
2	Shipment	Kg	51333	39716	25548	10556	16115	13703	11975	5034	6983	4936	14971	24010	224879
3	Production	Pcs	85927	70206	56398	40608	47580	36206	35142	45876	78615	52936	60883	69372	679749
4	Production	Kg	21482	17552	14100	10152	11895	9052	8786	11469	19654	13234	15221	17343	169940
5	Manpower	Number	647	613	562	505	486	465	460	463	548	540	541	583	534
6	Working Days	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
2	1 Boiler – 500 kg	500 Kg	PNG	Boiler stack
3	4 Boiler – 50 kg	50 Kg Each	PNG	Boiler stack
4	Washing Machines - Fabcare	50 kg	Electricity	Dryer Stack
5	3 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 (500 kg)	SCM	3686	2744	2473	1759	2211	1082	1465	1565	1741	1725	2857	2797	26104
2	PNG consumed in Boiler (50 kg)	SCM	614	457	412	293	368	180	244	261	290	288	476	466	4351
3	PNG consumed in Boiler (50 kg)	SCM	614	457	412	293	368	180	244	261	290	288	476	466	4351
4	PNG consumed in Boiler (50 kg)	SCM	614	457	412	293	368	180	244	261	290	288	476	466	4351
5	PNG consumed in Boiler (50 kg)	SCM	614	457	412	293	368	180	244	261	290	288	476	466	4351
6	Total PNG consumed in Boilers	SCM	6143	4573	4121	2932	3685	1804	2442	2608	2901	2875	4762	4662	43507
7	PNG consumed in Tumbler 1 (50 kg)	SCM	499	371	335	238	299	146	198	212	236	234	387	379	3534
8	PNG consumed in Tumbler 2 (50 kg)	SCM	499	371	335	238	299	146	198	212	236	234	387	379	3534
9	PNG consumed in Tumbler 3 (50 kg)	SCM	499	371	335	238	299	146	198	212	236	234	387	379	3534
10	Total PNG consumed in Tumblers	SCM	1497	1114	1004	714	898	439	595	635	707	701	1160	1136	10601

ENVIORNMENTAL DATA – 2025 PART 1

YEAR 2025

1	PNG consumed in DG Set	SCM	2377	1770	1595	1135	1426	698	945	1009	1123	1113	1843	1804	16837
2	Total PNG consumed	SCM	10239	7621	6869	4886	6141	3006	4070	4346	4835	4792	7937	7770	72512
3	Diesel consumed in DG set (320 KVa)	Ltr	150	118	292	216	462	238	552	175	186	49	52	147	2637
4	LPG (Canteen)	Kg	38	38	38	38	38	38	38	38	38	38	38	38	456
5	Factory Vehicle CNG - Small Car	Kg	3	3	3	2	2	3	3	3	2	2	2	3	30
6	Factory Vehicle CNG - Small Truck	Kg	46	123	112	78	85	43	76	47	56	63	8	0	737
7	Factory Owned Vehicle - Petrol	Ltr	5	10	5	5	10	5	10	5	10	5	5	15	90
8	Factory Owned Vehicle - Electric	Ltr	306	267	261	293	295	233	282	218	243	216	240	286	3141
9	Shipping Distance Kms By CNG Vehicle	Km	4800	1600	1600	6400	8000	14400	11200	6400	1600	6400	6400	14400	83200
10	Employee Commute By Car Petrol	Km	2484	2208	2208	2392	2484	2300	2484	2116	2392	2024	2300	2484	27876
11	Employee Commute By Car CNG	Km	3132	2784	2784	3016	3132	2900	3132	2668	3016	2552	2900	3132	35148
12	Employee Commute By Motorcycle Petrol	Km	26730	23760	23760	25740	26730	24750	26730	22770	25740	21780	24750	26730	299970

ENVIORNMENTAL DATA – 2025 PART 2

NON-GHG DIRECT SOURCE EMISSIONS 2025



EMISSION FROM DG 2025

Source	Fuel Type / Category	Activity Value	NO _x (kg)	SO _x (kg)	PM _{2.5} / 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	0.00	0.20



EMISSION FROM BOILER 2025

Source	Fuel Type / Category	Activity Value	NO _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Boiler 1 (500 kg)	PNG (SCM)	26104	65.26	0.52	2.61	7.83	20.88	0.05	7.83
Boiler 2 (50 kg)	PNG (SCM)	4351	10.88	0.09	0.44	1.31	3.48	0.01	1.31
Boiler 2 (50 kg)	PNG (SCM)	4351	10.88	0.09	0.44	1.31	3.48	0.01	1.31
Boiler 2 (50 kg)	PNG (SCM)	4351	10.88	0.09	0.44	1.31	3.48	0.01	1.31
Boiler 2 (50 kg)	PNG (SCM)	4351	10.88	0.09	0.44	1.31	3.48	0.01	1.31



EMISSION FROM TUMBLER 2025

Source	Fuel Type / Category	Activity Value	NO _x (kg)	SO _x (kg)	PM2.5 / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Tumbler 1 – 50kg	PNG (SCM)	3534	8.83	0.07	0.35	1.06	2.83	0.01	1.06
Tumbler 2– 50kg	PNG (SCM)	3534	8.83	0.07	0.35	1.06	2.83	0.01	1.06
Tumbler 2– 50kg	PNG (SCM)	3534	8.83	0.07	0.35	1.06	2.83	0.01	1.06



EMISSION FROM FACTORY OWNED VEHICLES - 2025

Source	Fuel Type / Category	Activity Value	NO _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Factory Vehicle - Small Car	CNG (kg)	30	0.02	0.00003	0.001	0.003	0.08	0.0001	0.002
Factory Vehicle - Small Truck	CNG (kg)	737	0.44	0.0007	0.01	0.07	1.84	0.001	0.06
Factory Vehicle - Small Car	Petrol (L)	90	0.08	0.0005	0.004	0.01	0.27	0.005	0.01



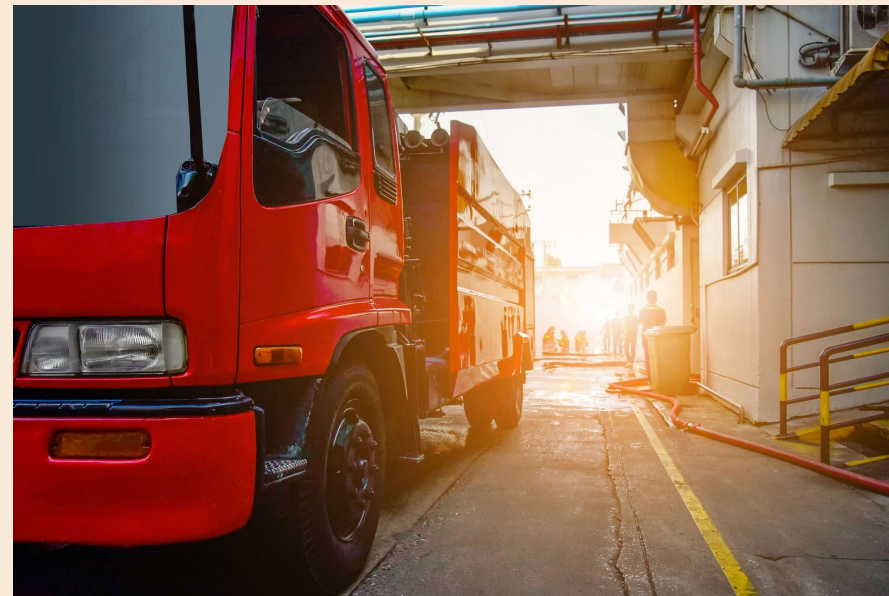
EMISSION FROM CANTEEN COMBUSTION- 2025



Source	Fuel Type / Category	Activity Value	NO _x (kg)	SO _x (kg)	PM _{2.5} / 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	0.00	0.14



NON-GHG INDIRECT SOURCE EMISSIONS 2025



NON-GHG EMISSION – DOWNSTREAM TRANSPORTATION 2025

Source	Fuel Type / Category	Activity Value	NO _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Shipping - HGV	Diesel (km)	83200	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 _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Car Employee Commute	Petrol (km)	27876	13.94	0.08	0.84	3.35	58.54	1.39	3.35
Car Employee Commute	CNG (km)	35148	17.57	0.04	0.35	2.81	49.21	0.07	2.81
Motorcycle Employee Commute	Petrol (km)	299970	56.99	1.50	15.00	425.96	659.93	6.00	425.96

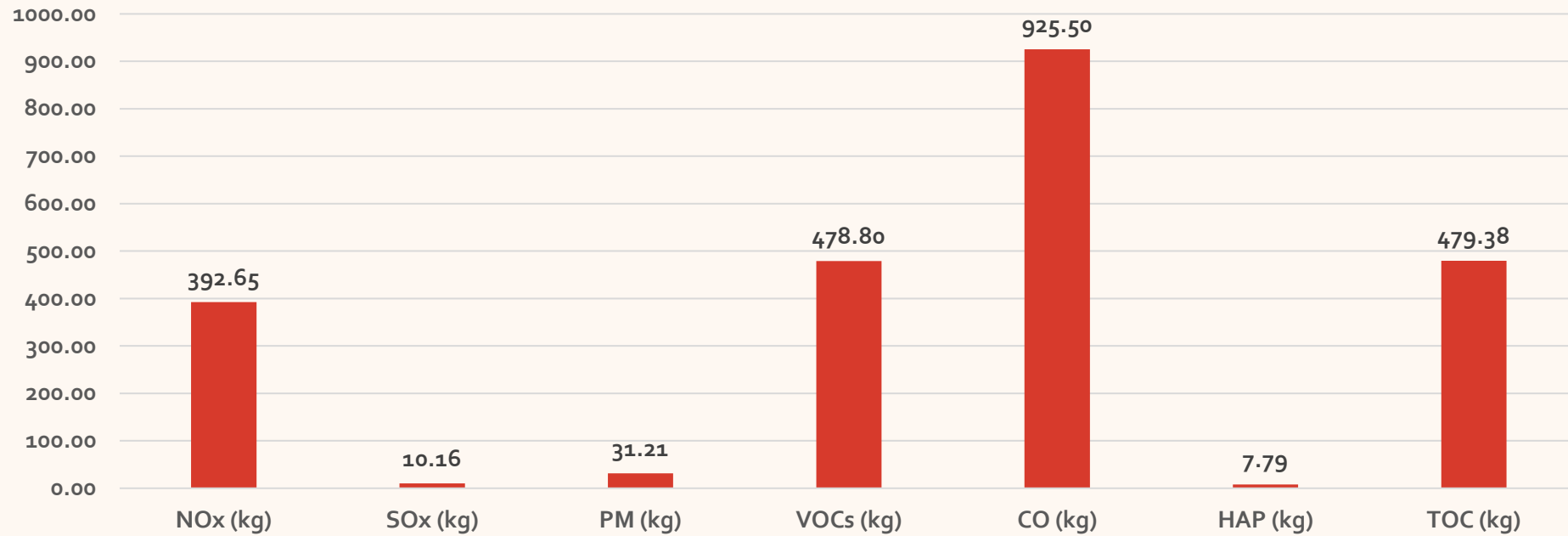


SCOPE-WISE EMISSION 2025



TOTAL SCOPE EMISSION - 2025

Scope	NOx (kg)	SOx (kg)	PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Direct Source Emission Stationary & Mobile	279.19	8.12	14.35	34.20	74.62	0.16	34.79
Indirect Source Emission	113.47	2.03	16.85	444.59	850.88	7.63	444.59
Total Emission	392.65	10.16	31.21	478.80	925.50	7.79	479.38





NORMALISED SCOPE-WISE EMISSION 2025



TOTAL NORMALIZED BY SHIPMENT PCS - 2025

Absolute	NO _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	392.65	10.16	31.21	478.80	925.50	7.79	479.38
Normalized per shipment pc	NO _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	0.0004	0.00001	0.00003	0.001	0.001	0.00001	0.001

TOTAL NORMALIZED BY SHIPMENT IN KG – 2025

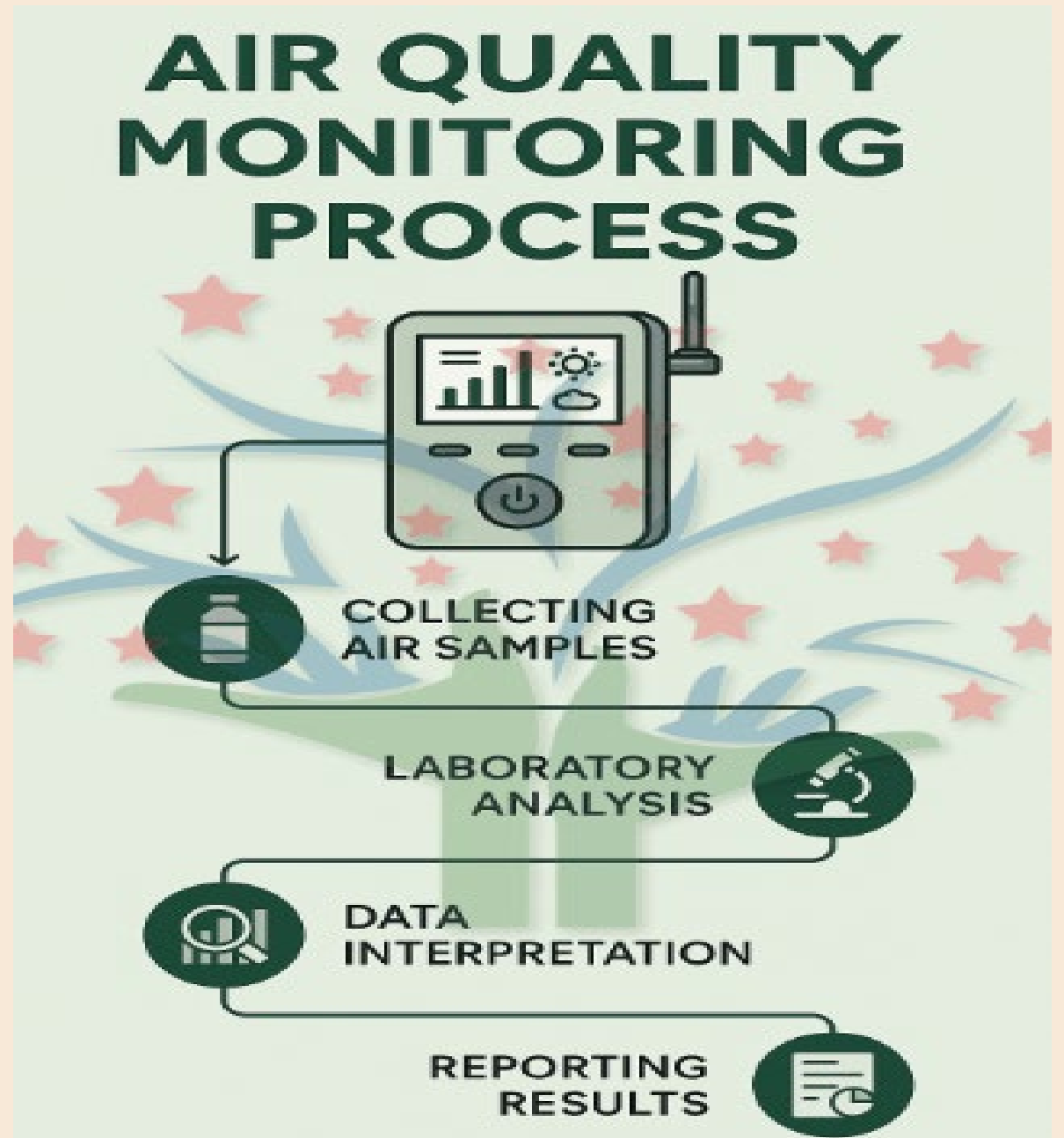
Absolute	NO _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	392.65	10.16	31.21	478.80	925.50	7.79	479.38
Emission per shipment kg	NO _x (kg)	SO _x (kg)	PM _{2.5} / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	0.002	0.00005	0.0001	0.002	0.004	0.00003	0.002

COMPARATIVE STUDY 2025



Absolute & Normalized Non-GHG Air Emissions Trend					
Emission	NOx (kg)	SOx (kg)	PM (kg)	VOCs (kg)	CO (kg)
2023 (Absolute)	278.19	5.68	17.33	98.88	846.16
2023 (Normalized)	0.001	0.00001	0.00004	0.0002	0.002
2024					
Emission	NOx (kg)	SOx (kg)	PM (kg)	VOCs (kg)	CO (kg)
2024 (Absolute)	364.81	8.47	22.23	89.40	869.78
2024 (Normalized)	0.001	0.00002	0.0001	0.0002	0.002
2025					
Emission	NOx (kg)	SOx (kg)	PM (kg)	VOCs (kg)	CO (kg)
2025 (Absolute)	392.65	10.16	31.21	478.80	925.50
2025 (Normalized)	0.0004	0.00001	0.00003	0.0005	0.001

FUGITIVE SOURCE EMISSIONS 2025



Work Zone Air Quality Monitoring Results - Tested on 16/10/2025

From Inside Fabric Store Basement - 2

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m ³	1.17	15	ETS/STP/WZ-03
2	Sulphur Dioxide (SOx)	mg/m ³	0.0139	13	ETS/STP/WZ-04
3	Nitrogen Dioxide (NOx)	mg/m ³	0.064	9	ETS/STP/WZ-05
4	Carbon Monoxide (CO)	mg/m ³	0.82	55	ETS/STP/WZ-08

From Inside Finishing Area Basement - 1

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m ³	1.12	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m ³	0.034	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m ³	0.057	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m ³	0.79	55	GES/CH/SOP/W-AIR-14

From Inside Ground Floor

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m ³	1.41	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m ³	0.027	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m ³	0.064	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m ³	0.79	55	GES/CH/SOP/W-AIR-14

Work Zone Air Quality Monitoring Results - Tested on 16/10/2025**From Inside Production Area - Second Floor**

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m ³	1.17	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SO _x)	mg/m ³	0.03	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NO _x)	mg/m ³	0.062	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m ³	0.66	55	GES/CH/SOP/W-AIR-14

From Inside Cutting and Sampling Area - First Floor

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m ³	0.93	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SO _x)	mg/m ³	0.029	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NO _x)	mg/m ³	0.056	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m ³	0.53	55	GES/CH/SOP/W-AIR-14

Work Zone Air Quality Testing Report From Inside Fabric Store Basement 2



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

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461 TC-15390



TEST REPORT

TEST REPORT NO.: ETS/1477/10/2025 ULRNO.TC153902500001477F DATE OF REPORT: 16.10.2025

WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, RICHA FASHION PVT.LTD,
A-115 SECTOR-65,
NOIDA U.P.INDIA

Date of Monitoring : 11.10.2025
 Analysis Start Date : 13.10.2025
 Analysis End Date : 16.10.2025
 Duration Of Monitoring : 11.10.2025 To 11.10.2025 8 HOURS, TWA
 Time Of Monitoring : 11:24 AM To 07:24 PM
 Sample ID No : 1477
 Sampling Done By : ETS STAFF
 Sampling Location : INSIDE FABRIC STORE BASEMENT -2
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 31.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	24.0	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	45.3	Not Specified	ETS/STP/WZ-02

CHECKED BY
ASHISH

(Signature)
 AUTHORIZED SIGNATORY
 Md Humraj
 (Quality Manager)

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

Note :-
1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.





ENVIRO TECH SERVICES PVT. LTD.

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Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461



TEST REPORT

TEST REPORT NO.: ETS/1477/10/2025 DATE OF REPORT: 16.10.2025

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/m ³	1.17	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO ₂)	mg/m ³	0.039	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO ₂)	mg/m ³	0.064	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m ³	0.82	55	ETS/STP/WZ-08
7	Benzene,(C ₆ H ₆)	ppm	<0.01	10	ETS/STP/WZ-11
8	Toluene,(C ₆ H ₅ CH ₃)	ppm	<0.01	200	ETS/STP/WZ-11
9	Xylene,(C ₆ H ₄ (CH ₃) ₂)	mg/m ³	<0.01	435	ETS/STP/WZ-11
10	Ammonia,(NH ₃)	mg/m ³	<0.01	35	ETS/STP/WZ-06
11	Ozone,(O ₃)	mg/m ³	<0.01	0.2	ETS/STP/WZ-07
12	Methane (CH ₄)	mg/m ³	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m ³	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H ₂ S)	mg/m ³	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m ³	<0.01	30	ETS/STP/WZ

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

CHECKED BY
ASHISH

(Signature)
 AUTHORIZED SIGNATORY

Work Zone Air Quality Testing Report From Inside Finishing Area Basement 1



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

E-mail : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 8130255461





TEST REPORT

TEST REPORT NO.: ETS/1478/10/2025 ULRNO.TC153902500001478F DATE OF REPORT: 16.10.2025

WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, RICHA FASHION PVT.LTD,
A-115 SECTOR-65,
NOIDA U.P,INDIA

Date of Monitoring : 11.10.2025
 Analysis Start Date : 13.10.2025
 Analysis End Date : 16.10.2025
 Duration Of Monitoring : 11.10.2025 To 11.10.2025 8 HOURS, TWA
 Time Of Monitoring : 11:20 AM To 07:20 PM
 Sample ID No : 1478
 Sampling Done By : ETS STAFF
 Sampling Location : INSIDE FINISHING AREA BASMENT-1
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 31.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	24.4	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	45.8	Not Specified	ETS/STP/WZ-02


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ASHISH

For Enviro Tech Services Pvt. Ltd.

AUTHORIZED SIGNATORY

Md Humraj
(Quality Manager)

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



ENVIRO TECH SERVICES PVT. LTD.

An Analytical Laboratory

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TEST REPORT

TEST REPORT NO.: ETS/1478/10/2025 DATE OF REPORT: 16.10.2025

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	1.12	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.034	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO2)	mg/m3	0.057	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.79	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 (CH4)	mg/m³	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m³	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H2S)	mg/m³	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m³	<0.01	30	ETS/STP/WZ

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


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For Enviro Tech Services Pvt. Ltd.

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

Work Zone Air Quality Testing Report From Inside Ground Floor



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TEST REPORT


TEST REPORT NO.: ETS/1479/10/2025 ULRNO.TC153902500001479F DATE OF REPORT: 16.10.2025

WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, RICHA FASHION PVT.LTD,
A-115 SECTOR-65,
NOIDA U.P,INDIA

Date of Monitoring : 11.10.2025
Analysis Start Date : 13.10.2025
Analysis End Date : 16.10.2025
Duration Of Monitoring : 11.10.2025 To 11.10.2025 8 HOURS, TWA
Time Of Monitoring : 11:40 AM To 07:40 PM
Sample ID No : 1479
Sampling Done By : ETS STAFF
Sampling Location : INSIDE GROUND FLOOR
Sampling Method : ETS/STP/AIR-01
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR **Ambient Temperature:** 31.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	24.0	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	45.1	Not Specified	ETS/STP/WZ-02



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

AUTHORIZED SIGNATORY
Md Humraj
(Quality Manager)

Note :-
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.



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TEST REPORT

TEST REPORT NO.: ETS/1479/10/2025 DATE OF REPORT: 16.10.2025

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	1.14	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.027	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO2)	mg/m3	0.064	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.79	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 (CH4)	mg/m³	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m³	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H2S)	mg/m³	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m³	<0.01	30	ETS/STP/WZ

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




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

AUTHORIZED SIGNATORY
Md Humraj
(Quality Manager)

Note :-
1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.

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


ENVIRO TECH SERVICES PVT. LTD.
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TEST REPORT


TEST REPORT NO.: ETS/1480/10/2025 ULRNO.TC153902500001480F DATE OF REPORT: 16.10.2025


WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, RICHA FASHION PVT.LTD,
A-115 SECTOR-85,
NOIDA U.P,INDIA

Date of Monitoring : 11.10.2025
Analysis Start Date : 13.10.2025
Analysis End Date : 16.10.2025
Duration Of Monitoring : 11.10.2025 To 11.10.2025 8 HOURS, TWA
Time Of Monitoring : 11:18 AM To 07:18 PM
Sample ID No : 1480
Sampling Done By : ETS STAFF
Sampling Location : INSIDE PRODUCTION AREA SECOND FLOOR
Sampling Method : ETS/STP/AIR-01
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR **Ambient Temperature:** 31.0 °C


S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	25.6	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	47.1	Not Specified	ETS/STP/WZ-02


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

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

Note :-
 1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.




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TEST REPORT

TEST REPORT NO.: ETS/1480/10/2025 DATE OF REPORT: 16.10.2025

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	1.17	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.030	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NOX)	mg/m3	0.062	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.66	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 (CH4)	mg/m³	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m³	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H2S)	mg/m³	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m³	<0.01	30	ETS/STP/WZ

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


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

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Note :-
 1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.

Work Zone Air Quality Testing Report

From Inside Cutting and Sampling Area – First Floor




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TEST REPORT

TEST REPORT NO.: ETS/1481/10/2025 ULRNO.TC153902500001481F DATE OF REPORT: 16.10.2025

WORK ZONE AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s, RICHA FASHION PVT.LTD,
A-115 SECTOR-65,
NOIDA U.P,INDIA

Date of Monitoring : 11.10.2025

Analysis Start Date : 13.10.2025

Analysis End Date : 16.10.2025

Duration Of Monitoring : 11.10.2025 To 11.10.2025 8 HOURS, TWA

Time Of Monitoring : 10:46 AM To 06:46 PM

Sample ID No : 1481

Sampling Done By : ETS STAFF


Sampling Location : INSIDE CUTTING & SAMPLING AREA FIRST FLOOR

Sampling Method : ETS/STP/AIR-01


Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL

Weather Condition : CLEAR Ambient Temperature: 31.0 °C

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per Factory Act.)	Test Method
1	Room Temperature	°C	23.9	Not Specified	ETS/STP/WZ-01
2	Relative Humidity,(RH)	%	47.2	Not Specified	ETS/STP/WZ-02



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

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TEST REPORT

TEST REPORT NO.: ETS/1481/10/2025 DATE OF REPORT: 16.10.2025

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	0.93	15	ETS/STP/WZ-03
4	Sulphur Dioxide,(SO2)	mg/m3	0.029	13	ETS/STP/WZ-04
5	Nitrogen Dioxide,(NO2)	mg/m3	0.056	9	ETS/STP/WZ-05
6	Carbon Monoxide,(CO)	mg/m3	0.53	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 (CH4)	mg/m ³	<0.01	Not Specified	ETS/STP/WZ
13	Chlorine	mg/m ³	<0.01	3	IS: 5182 (Part-19)
14	Hydrogen Sulphide (H2S)	mg/m ³	<0.01	14	ETS/STP/WZ
15	Carbon Disulfide	mg/m ³	<0.01	30	ETS/STP/WZ

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



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ASHISH



For Enviro Tech Services Pvt. Ltd.
AUTHORIZED SIGNATORY
Md Humraj

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



**POINT SOURCE
EMISSIONS
2025**

BOILER STACK EMISSION 2025

Boiler Stack Emission Report - Tested on – 09/12/2025 - 50 kg/hr

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm ³	12.4	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270

Boiler Stack Emission Report - Tested on – 09/12/2025 - 50 kg/hr

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm ³	11.4	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270

Boiler Stack Emission Report - Tested on – 09/12/2025 - 50 kg/hr

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm ³	10.17	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270

BOILER STACK EMISSION 2025

Boiler Stack Emission Report - Tested on – 09/12/2025 - 50 kg/hr

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm ³	15.9	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270

Boiler Stack Emission Report - Tested on – 09/12/2025 - 500 kg/hr

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm ³	14.8	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO ₂)	mg/Nm ³	<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

BOILER STACK EMISSION REPORT 2025 BOILER 2 – 50 KG/HR



GREEN ENVIRO TECH SERVICES PVT. LTD.
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TEST REPORT

Stack

Test Report Number	GES/R1225/09060		Issued Date: 12.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. A-115, SECTOR-65, NOIDA, U.P, INDIA		
Details of Sample			
Job Order Number	GES/2025/12A09060	Sample Receiving Date	09.12.2025
Sample Description	Stack	Analysis Start Date	09.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.12.2025

Stack Emission Analysis

Sample Particulars:

Sample Name : Stack Emission
 Stack attached to : Boiler No-01
 Capacity of Stack : 50 kg/hr
 Date of Sampling : 08.12.2025
 Normal Operating Schedule : as per requirement
 Type of Fuel : PNG
 Type of Stack : MS/ Circular
 Stack Height from Ground Level : 2 mtr
 Stack Diameter : 100 mm
 Sampling Duration (Minutes) : 49
 Ambient Temperature (°C) : 22
 Stack Temperature (°C) : 86
 Stack Gas Velocity (m/s), Avg : 12.7
 Quantity of Emission (Nm³/s) : 294
 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 ³	12.4	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO ₂)	mg/Nm ³	<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
 Prashant Kumar
 Quality Manager



GREEN ENVIRO TECH SERVICES PVT. LTD.
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TEST REPORT

Stack

Test Report Number	GES/R1225/09061		Issued Date: 12.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION-PVT. LTD. A-115, SECTOR-65, NOIDA, U.P, INDIA		
Details of Sample			
Job Order Number	GES/2025/12A09061	Sample Receiving Date	09.12.2025
Sample Description	Stack	Analysis Start Date	09.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.12.2025

Stack Emission Analysis

Sample Particulars:

Sample Name : Stack Emission
 Stack attached to : Boiler No-04
 Capacity of Stack : 50 kg/hr
 Date of Sampling : 08.12.2025
 Normal Operating Schedule : as per requirement
 Type of Fuel : PNG
 Type of Stack : MS/ Circular
 Stack Height from Ground Level : 2 mtr
 Stack Diameter : 100 mm
 Sampling Duration (Minutes) : 48
 Ambient Temperature (°C) : 22
 Stack Temperature (°C) : 76
 Stack Gas Velocity (m/s), Avg : 12.7
 Quantity of Emission (Nm³/s) : 305
 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 ³	11.4	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO ₂)	mg/Nm ³	<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
 Prashant Kumar
 Quality Manager

Authorized by
 Prashant Kumar
 Quality Manager
 *** End of Report ***

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

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



GREEN ENVIRO TECH SERVICES PVT. LTD.
An Analytical Laboratory

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TEST REPORT Stack

Test Report Number	GES/R1225/09062	Issued Date:	12.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. A-115, SECTOR-65, NOIDA, U.P, INDIA		
Details of Sample			
Job Order Number	GES/2025/12A09062	Sample Receiving Date	09.12.2025
Sample Description	Stack	Analysis Start Date	09.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.12.2025

Sample Particulars:

Sample Name : Stack Emission
Stack attached to : Boiler No-06
Capacity of Stack : 50 kg/hr
Date of Sampling : 08.12.2025
Normal Operating Schedule : as per requirement
Type of Fuel : PNG
Type of Stack : MS/ Circular
Stack Height from Ground Level : 2 mtr
Stack Diameter : 100 mm
Sampling Duration (Minutes) : 45
Ambient Temperature (°C) : 22
Stack Temperature (°C) : 70
Stack Gas Velocity (m/s), Avg : 13.2
Quantity of Emission (Nm³/s) : 320
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 ³	10.7	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Checked by
Form No.-GES/7.8F-05, Issue No.-01, Issue Date:-20.08.2024

Green Enviro Tech Services Pvt. Ltd.

Authorized by
Dharmendra Kumar
Chief of Manager

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GREEN ENVIRO TECH SERVICES PVT. LTD.
An Analytical Laboratory

(A GOVERNMENT APPROVED LAB)
(AN ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified)
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E-mail : getslab2024@gmail.com | Website : www.getslab.in
Ph : 9971888596, 9927955952, 8800716254, 9719569969, 8218823578



TEST REPORT Stack

Test Report Number	GES/R1225/09063	Issued Date:	12.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. A-115, SECTOR-65, NOIDA, U.P, INDIA		
Details of Sample			
Job Order Number	GES/2025/12A09063	Sample Receiving Date	09.12.2025
Sample Description	Stack	Analysis Start Date	09.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.12.2025

Stack Emission Analysis

Sample Particulars:

Sample Name : Stack Emission
Stack attached to : Boiler No-07
Capacity of Stack : 50 kg/hr
Date of Sampling : 08.12.2025
Normal Operating Schedule : as per requirement
Type of Fuel : PNG
Type of Stack : MS/ Circular
Stack Height from Ground Level : 2 mtr
Stack Diameter : 100 mm
Sampling Duration (Minutes) : 47
Ambient Temperature (°C) : 22
Stack Temperature (°C) : 70
Stack Gas Velocity (m/s), Avg : 13.2
Quantity of Emission (Nm³/s) : 306
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 ³	15.9	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Checked by
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BOILER STACK EMISSION REPORT 2025 BOILER 5 – 500 KG/HR



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TEST REPORT

Stack

Test Report Number	GESR1225/09064	Issued Date:	12.12.2025
Customer Name & Address	Issued to: M/s RICH A FASHION PVT. LTD. A-115, SECTOR-65, NOIDA, U.P, INDIA		
Details of Sample			
Job Order Number	GES/2025/12A09064	Sample Receiving Date	09.12.2025
Sample Description	Stack	Analysis Start Date	09.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.12.2025

Stack Emission Analysis

Sample Particulars:

Sample Name : Stack Emission
Stack attached to : Boiler No-09
Capacity of Stack : 500 kg/hr
Date of Sampling : 08.12.2025
Normal Operating Schedule : as per requirement
Type of Fuel : PNG
Type of Stack : MS/ Circular
Stack Height from Ground Level : 6 mtr
Stack Diameter : 300 mm
Sampling Duration (Minutes) : 50
Ambient Temperature (°C) : 22
Stack Temperature (°C) : 125
Stack Gas Velocity (m/s), Avg : 13.9
Quantity of Emission (Nm³/s) : 2619
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 ³	14.8	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO ₂)	mg/Nm ³	<5.0	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



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Green Enviro Tech Services Pvt. Ltd.

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

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DG STACK EMISSION 2025

DG Stack Emission Report - Tested on - 26/12/2025 - 500 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 ₂)	g/kW-hr	0.23	0.4	IS: 11255 (Part-07) 2005 RA2017
3	Carbon Monoxide (CO)	g/kW-hr	0.18	3.5	IS: 13270
4	Sulphur Dioxide (SO ₂)	mg/Nm ³	9.5	Not Specified	IS: 11255 (Part-02) 1985 RA2019
5	Hydrocarbon	g/kW-hr	0.07	0.19	USEPA 25: 2023

DG STACK EMISSION REPORT 2025 – 320 KVA – STACK



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TC-15751

TEST REPORT

DG Stack

Test Report Number	GES/R1225/09059	Issued Date:	12.12.2025
Customer Name & Address	Issued to: M/s RICHA FASHION PVT. LTD. A-115, SECTOR-65, NOIDA, U.P, INDIA		
Details of Sample			
Job Order Number	GES/2025/12A09059	Sample Receiving Date	09.12.2025
Sample Description	DG Stack	Analysis Start Date	09.12.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.12.2025

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 : 08.12.2025
 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 : 150 mm
 Stack Height from Ground Level : 20 m
 Sampling duration (minutes) : 51
 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) : 120
 Flue Gas Velocity (m/s), Avg : 13.6
 Quantity of flue gas emission (Nm³/hr) : 648

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	0.23	0.4	IS: 11255 (Part-07)2005 RA2017
3.	Carbon Monoxide (CO)	g/kw-hr	0.18	3.5	IS: 13270
4.	Sulphur Dioxide (SO2)	mg/Nm ³	9.5	Not Specified	IS: 11255(Part-02) 1985 RA2019
5.	Hydrocarbon	g/kw-hr	0.07	0.19	USEPA 25A 2017

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Green Enviro Tech Services Pvt. Ltd.

Authorized by

Page 01 of 01

Dr. Himanshu 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