NON-GHG INVENTORY REPORTING

YEAR 2025

AAN CLOTHINGS LLP

PLOT NO. 732, Pace City,
GURGAON

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

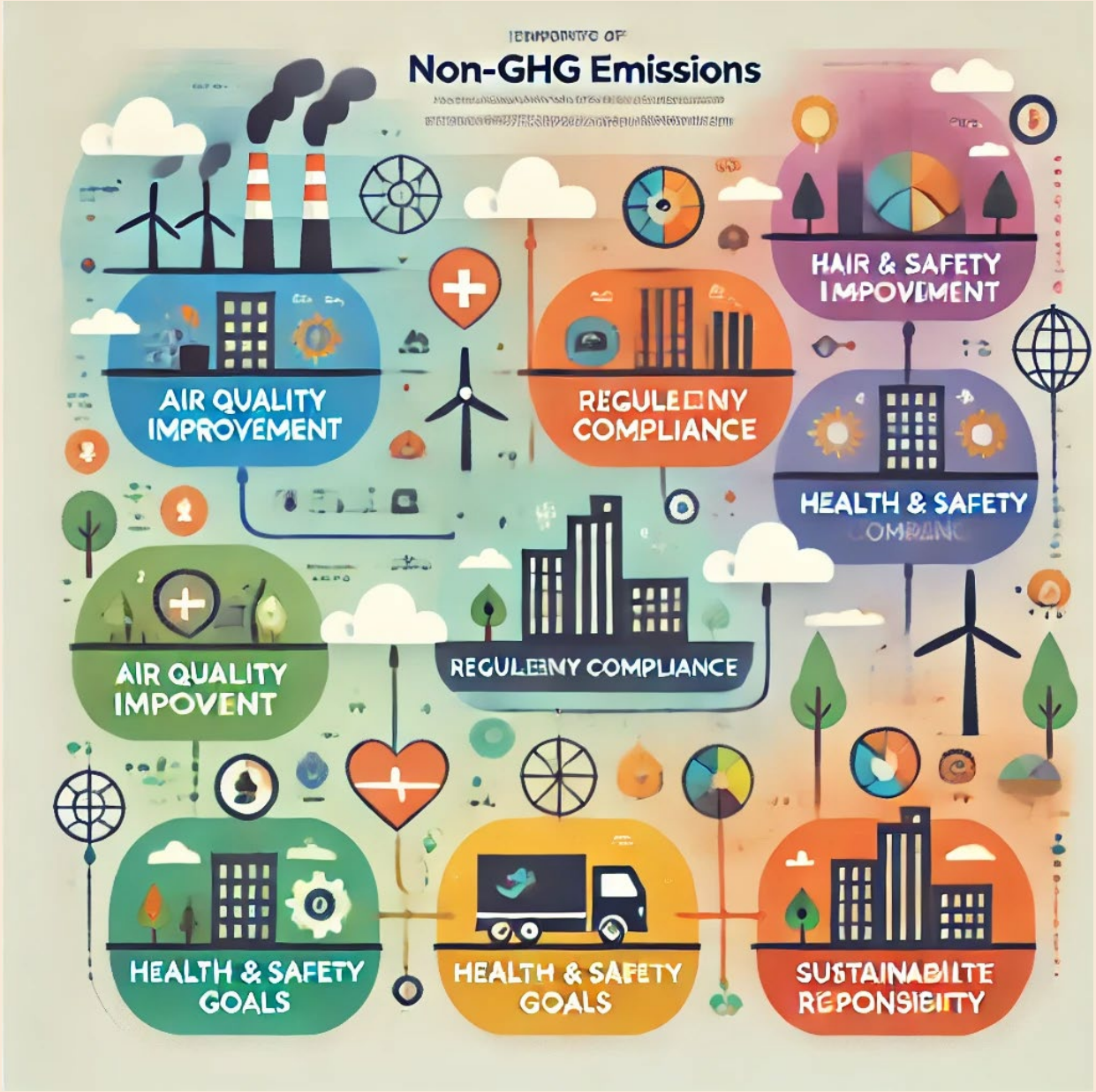
ENHANCE CORPORATE TRANSPARENCY AND ACCOUNTABILITY

AAN CLOTHINGS LLP

AAN Clothings LLP, based at PLOT NO. 732, Pace City, Gurgaon, is a manufacturing company specializing in high-quality home furnishing products. The company focuses on crafting a wide range of textile furnishings including curtains, cushions, and bed linen.

Committed to sustainability and environmental responsibility, AAN Clothings LLP integrates eco-conscious practices across its operations—emphasizing resource efficiency, responsible sourcing, and waste reduction. The company aims to deliver both comfort and style while reducing its ecological footprint

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, SO_2, 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 (SO_2), 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

Founded in 2020, AAN Clothings is a visionary, design-driven organization dedicated to redefining creative product development and innovation.

At the heart of AAN Clothings is a highly skilled and passionate team of designers, artists, pattern makers, and artisans, each bringing a unique perspective and expertise to the creative process.

This diverse collective collaborates to craft exceptional, high-quality products that embody both artistic excellence and technical precision.

By embracing innovation while honoring time-honored techniques, **AAN Clothings** transforms ideas into extraordinary designs that captivate and inspire.

ABOUT THE REPORT

Introduction

- This document outlines the **non-GHG emissions reporting framework** for AAN CLOTHINGS LLP, Gurugram, 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 ***AAN CLOTHINGS LLP, Gurugram***.
- 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.

INTENDED USE & USERS OF THE REPORT

This report is a voluntary communication to various stakeholders of AAN Clothings., 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.

Scope covered:
Scope 1 and Scope 3

Management Details:
Mr. Aman Dhingra | Chairman Cum MD

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)	Yearly	30727	39309	27015	17315	36468	28026	60224	53282	33360	15668	52664	44326	438384
2	Shipment (kg)	Yearly	19660	25400	14786	8143	30109	30340	78871	34904	17418	7487	39159	24782	331060
3	Manpower	Yearly	146	141	141	135	156	161	189	171	151	140	150	140	152
4	Working Days	Yearly	27	24	25	26	27	24	27	25	26	24	25	27	307

COMPANY OVERVIEW

S No.	Equipment	Capacity	Fuel type	Emission source
1	Generator Set – 125 kVA	125 kVA	Diesel	Generator stack
2	Boiler – 27 Kw	27Kw	Electricity	Boiler 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	Diesel Consumed in DG Set	Ltr	253	10	85	325	255	131	103	751	180	49	64	196	2402
2	Shipping Distance (By CNG Truck)	Km	2812	1627	2681	1576	3900	1854	2482	2858	1854	1268	2917	4531	30360
3	Shipping Distance (By Diesel Truck)	Km	890	854	868	857	864	858	869	855	857	861	856	860	10350
4	Employee Commute Motorcycle - Petrol	Km	772	526	525	526	528	520	523	528	520	526	773	772	7036

ENVIORNMENTAL DATA - 2025

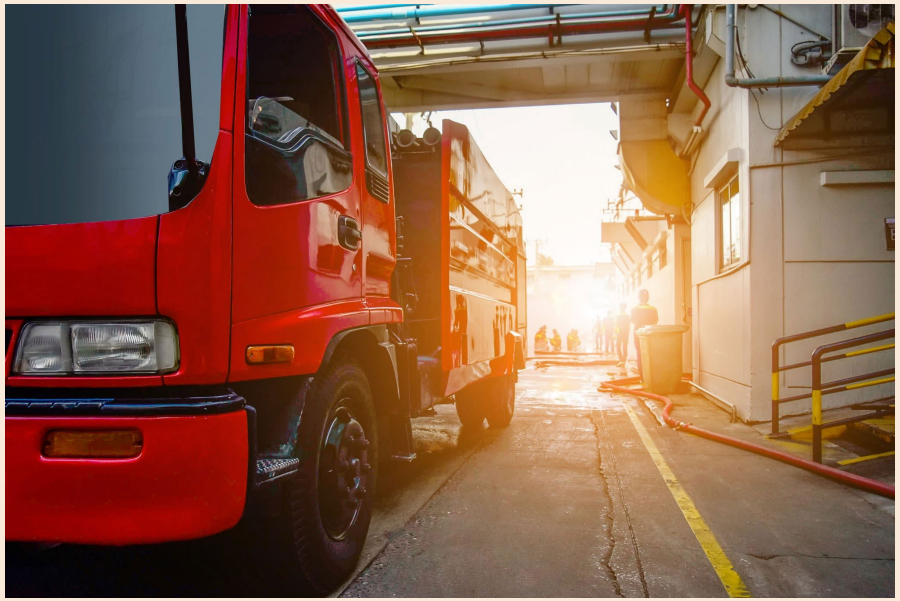
NON-GHG DIRECT SOURCE EMISSIONS 2025

EMISSION FROM DG 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)
DG set	Diesel (L)	2402	83.59	4.18	5.25	10.45	16.72	0.03	10.81


AAN CLOTHINGS LLP

NON-GHG INDIRECT SOURCE EMISSIONS 2025



NON-GHG EMISSION – DOWNSTREAM TRANSPORTATION 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)
Shipping - Class III	Diesel (km)	10350	3.11	0.05	0.08	1.55	10.35	0.02	1.55
Shipping - Class III	CNG (km)	30360	9.11	0.15	0.24	4.55	30.36	0.06	4.55

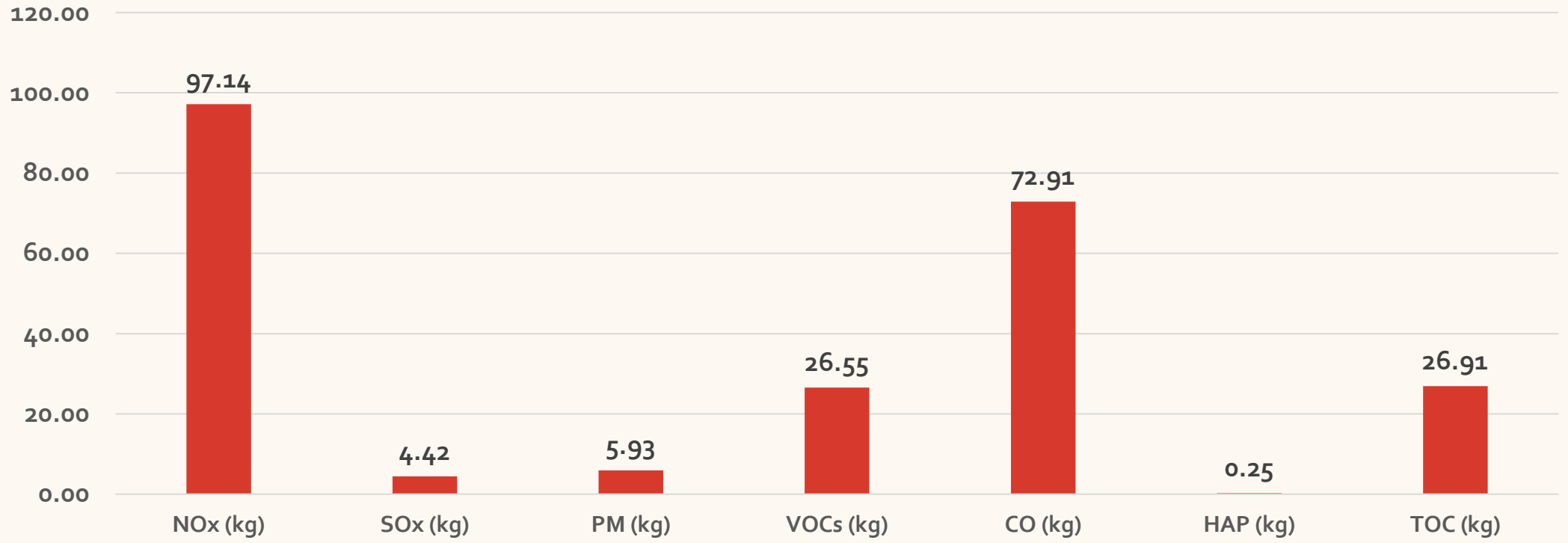
NON-GHG EMISSION – EMPLOYEE COMMUTE 2025

Source	Fuel Type / Category	Activity Value	NO_x (kg)	SO_x (kg)	PM2.5 / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Motorcycle Employee Commute	Petrol (km)	7036	1.34	0.04	0.35	9.99	15.48	0.14	9.99

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	83.59	4.18	5.25	10.45	16.72	0.03	10.81
Indirect Source Emission	13.55	0.24	0.68	16.10	56.19	0.22	16.10
Total Emission	97.14	4.42	5.93	26.55	72.91	0.25	26.91



NORMALISED SCOPE-WISE EMISSION 2025

TOTAL NORMALIZED BY SHIPMENT PCS - 2025

Absolute	NO_x (kg)	SOx (kg)	PM2.5 / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	97.14	4.42	5.93	26.55	72.91	0.25	26.91
Normalized per shipment pc	**NO_x (kg)**	**SOx (kg)**	**PM2.5 / PM (kg)**	**VOCs (kg)**	**CO (kg)**	**HAP (kg)**	**TOC (kg)**
Year 2025	0.0002	0.00001	0.00001	0.0001	0.0002	0.000001	0.0001

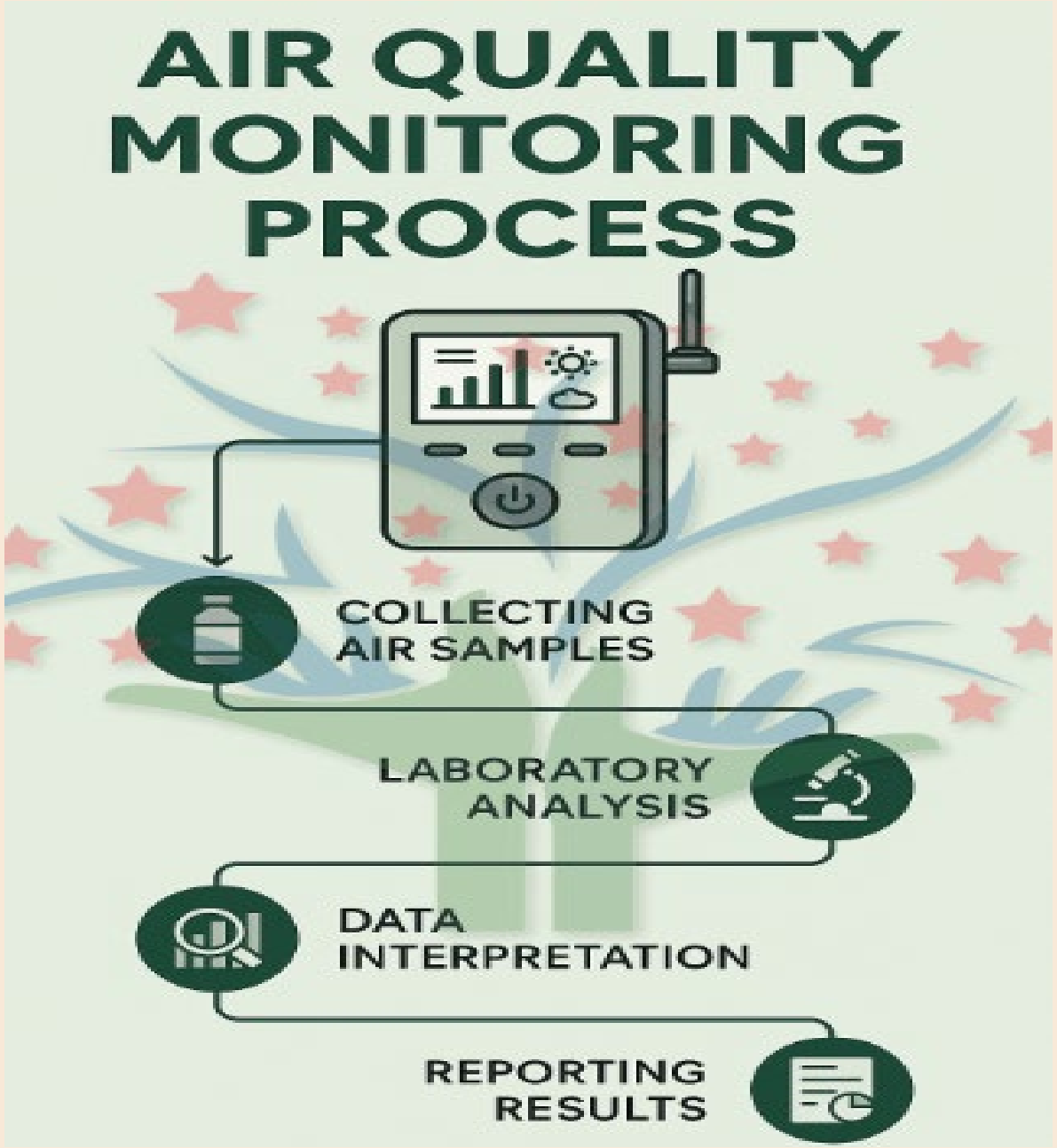
TOTAL NORMALIZED BY SHIPMENT IN KG – 2025

Absolute	NO_x (kg)	SOx (kg)	PM2.5 / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	97.14	4.42	5.93	26.55	72.91	0.25	26.91
Emission per shipment kg	**NO_x (kg)**	**SOx (kg)**	**PM2.5 / PM (kg)**	**VOCs (kg)**	**CO (kg)**	**HAP (kg)**	**TOC (kg)**
Year 2025	0.0003	0.00001	0.00002	0.0001	0.0002	0.000001	0.0001

COMPARATIVE STUDY 2025

Absolute & Normalized Non-GHG Air Emissions Trend					
Emission	**NOx (kg)**	**SOx (kg)**	**PM (kg)**	**VOCs (kg)**	**CO (kg)**
2024 (Absolute)	112.77	4.58	5.25	15.03	64.54
2024 (Normalized)	0.0004	0.00001	0.00002	0.00005	0.0002
Emission	**NOx (kg)**	**SOx (kg)**	**PM (kg)**	**VOCs (kg)**	**CO (kg)**
2025 (Absolute)	97.14	4.42	5.93	26.55	72.91
2025 (Normalized)	0.0002	0.00001	0.00001	0.0001	0.0002

FUGITIVE SOURCE EMISSIONS 2025

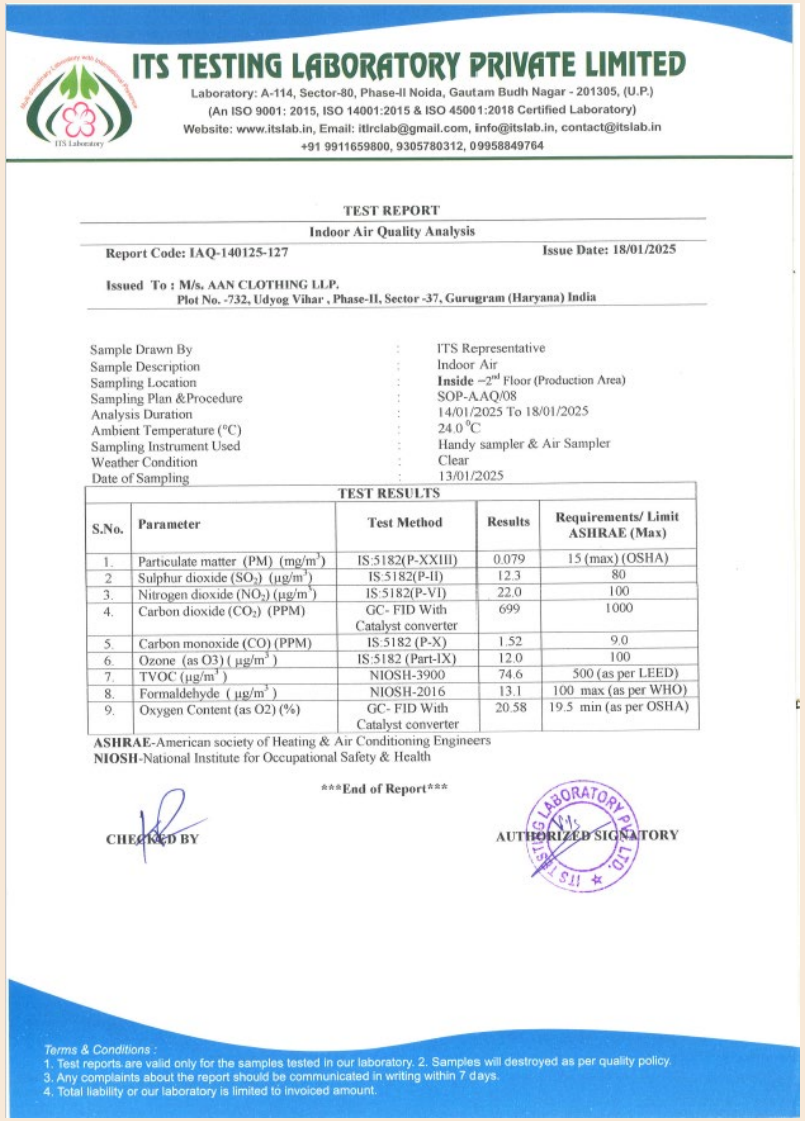


Work Zone Air Quality Testing Report

Work Zone Air Quality Monitoring Results - Tested on 13/01/2025					
From Inside Production Area					
S. No.	**Parameter**	**Test Method**	**Results**	**Requirements / Limit (ASHRAE Max)**	**GES/CH/SOP/W-AIR-02**
1	Particulate matter (PM) (mg/m^3)	IS:5182(P-XXIII)	0.079	15 (max) (ASHRAE)	GES/CH/SOP/W-AIR-03
2	Sulphur dioxide (SO_2) ($\mu g/m^3$)	IS:5182(P-II)	12.3	80	GES/CH/SOP/W-AIR-14
3	Nitrogen dioxide (NO_2) ($\mu g/m^3$)	IS:5182(P-VI)	22	100	
4	Carbon dioxide (CO_2) (PPM)	GC-FID With Catalyst converter	699	1000	
5	Carbon monoxide (CO) (PPM)	IS:5182 (P-X)	1.52	9	

From Near Main Gate					
S. No.	**Parameter**	**Test Method**	**Results**	**Units**	**Limits as per Environment Protection Act**
1	Particulate Matter (PM_{10})	IS:5182 Part-XXIII	219.7	$\mu g/m^3$	100
2	Particulate Matter ($PM_{2.5}$)	CPCB Volume – I / Gravimetric	78	$\mu g/m^3$	60
3	Sulphur dioxide (as SO_2)	IS:5182 Part-II	18.4	$\mu g/m^3$	80
4	Nitrogen dioxide (as NO_2)	IS:5182 Part-VI	37	$\mu g/m^3$	80
5	Carbon monoxide (as CO)	IS:5182 Part-X	0.42	mg/m^3	4

Work Zone Air Quality Testing Report From Inside Production Area



ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

TEST REPORT

Indoor Air Quality Analysis

Report Code: IAQ-140125-127 **Issue Date: 18/01/2025**

Issued To : M/s. AAN CLOTHING LLP.
Plot No. -732, Udyog Vihar , Phase-II, Sector -37, Gurugram (Haryana) India

Sample Drawn By	:	ITS Representative
Sample Description	:	Indoor Air
Sampling Location	:	**Inside** –2nd Floor (Production Area)
Sampling Plan &Procedure	:	SOP-AAQ/08
Analysis Duration	:	14/01/2025 To 18/01/2025
Ambient Temperature (°C)	:	24.0 °C
Sampling Instrument Used	:	Handy sampler & Air Sampler
Weather Condition	:	Clear
Date of Sampling	:	13/01/2025

TEST RESULTS

S.No.	Parameter	Test Method	Results	Requirements/ Limit ASHRAE (Max)
1.	Particulate matter (PM) (mg/m^3)	IS:5182(P-XXIII)	0.079	15 (max) (OSHA)
2	Sulphur dioxide (SO_2) ($\mu g/m^3$)	IS:5182(P-II)	12.3	80
3.	Nitrogen dioxide (NO_2) ($\mu g/m^3$)	IS:5182(P-VI)	22.0	100
4.	Carbon dioxide (CO_2) (PPM)	GC- FID With Catalyst converter	699	1000
5.	Carbon monoxide (CO) (PPM)	IS:5182 (P-X)	1.52	9.0
6.	Ozone (as O3) ($\mu g/m^3$)	IS:5182 (Part-IX)	12.0	100
7.	TVOC ($\mu g/m^3$)	NIOSH-3900	74.6	500 (as per LEED)
8.	Formaldehyde ($\mu g/m^3$)	NIOSH-2016	13.1	100 max (as per WHO)
9.	Oxygen Content (as O2) (%)	GC- FID With Catalyst converter	20.58	19.5 min (as per OSHA)

ASHRAE-American society of Heating & Air Conditioning Engineers
NIOSH-National Institute for Occupational Safety & Health

End of Report

CHECKED BY AUTHORIZED SIGNATORY

Terms & Conditions :
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability or our laboratory is limited to invoiced amount.

Work Zone Air Quality Testing Report From Near Main Gate

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(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

TEST REPORT

Ambient Air Quality Analysis

Report Code: AAQ-140225-122 **Issue Date: 18//01/2025**

Issued To: M/s. AAN CLOTHING LLP.
Plot No. -732, Udyog Vihar , Phase-II, Sector -37, Gurugram (Haryana) India

SAMPLING & ANALYSIS DATA

Sample Description	:	Ambient Air
Date of Sampling	:	13/01/2025
Sample Drawn By	:	ITS Representative
Sampling Location	:	**Near Main Gate**
Sampling Plan &Procedure	:	IS:5182 & CPCB Guidelines
Average Flow Rate of SPM (m^3/min.)	:	1.14
Average Flow Rate of Gases (lpm)	:	0.2
Sampling Instrument Used	:	Respirable Dust Sampler (PM_{10}) Fine Particulate Sampler ($PM_{2.5}$) With Gaseous Attachment
Sampling Machine Placed At Height	:	1.5 Meter from Ground Level
Ambient Temperature & Humidity	:	25 °C & 48%
Weather Condition	:	Clear
Sample Received On	:	14/01/2025
Analysis Duration	:	14/01/2025 To 18/01/2025

TEST RESULT

S.No.	Parameter	Test Method	Results	Units	Limits as per Environment (Protection) Act.
1.	Particulate Matter (PM_{10})	IS:5182 Part-XXIII	219.7	$\mu g/m^3$	100
2.	Particulate Matter ($PM_{2.5}$)	CPCB Volume – 1 / Gravimetric	78.0	$\mu g/m^3$	60
3.	Sulphur dioxide (as SO_2)	IS:5182 Part-II	18.4	$\mu g/m^3$	80
4.	Nitrogen dioxide (as NO_2)	IS:5182 Part-VI	37.0	$\mu g/m^3$	80
5.	Carbon monoxide (as CO)	IS:5182 Part-X	0.42	mg/m^3	4.0
6	Lead(as Pb)	IS:5182 Part-XXII	<0.1	$\mu g/m^3$	1.0
7	Ozone (as O_3)	IS:5182 Part-IX	22.8	$\mu g/m^3$	180
8	Benzene (as C_6H_6)	IS:5182 Part-XI	<0.1	$\mu g/m^3$	5.0
9	Benzo (a) Pyrine	IS:5182 Part-XI	<0.1	ng/m^3	1.0
10	Ammonia (as NH_3)	APHA-AIR402	36.1	$\mu g/m^3$	400
11	Nickel (as Ni)	APHA-AIR420	<1.0	ng/m^3	20
12	Arsenic (as As)	APHA-AIR302	<1.0	ng/m^3	6.0

End of Report

CHECKED BY AUTHORIZED SIGNATORY

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4. Total liability or our laboratory is limited to invoiced amount.

POINT SOURCE EMISSIONS 2025

DG STACK EMISSION 2025

DG Stack Emission Report - Tested on - 13/01/2025					
Sr. No.	**Parameters**	**Unit**	**Result**	**Standard Limit**	**Test Protocol**
1	Particulate Matter (PM)	gm/kW-hr	0.086	<0.2	IS: 11255 (Part-1)
2	Oxides of Nitrogen (as NOx)	gm/kW-hr	0.141	<4.0	IS: 11255 (Part-7)
3	Hydro Carbon (HC)	gm/kW-hr	0.096	—	IS: 13270
4	Carbon Monoxide (CO)	gm/kW-hr	0.357	<3.5	ULR/SOP/ST/01
5	Sulphur Dioxide	gm/kW-hr	0.034	Not Specified	IS: 11255 (Part-2)

DG STACK EMISSION REPORT 2025

UNITED LAB RESEARCH PVT. LTD.

Plot No. 237 Sector-01, Aravali Vihar, Bhiwadi (Raj.) INDIA-301019
Cont : 8744984777, 9887644777, Email : unitedlabresearch@gmail.com
ISO 9001, ISO 14001 AND ISO 45001 CERTIFIED LAB

TEST REPORT

Format No. ULR/F-30

Sample Description	:	**DG STACK AIR EMISSION MONITORING**
Name & Address of Customer	:	**M/s Aan Clothing LLP** Plot No. 732 Pace City-II, Sector-37 Gurgaon (HR)
Test Report No.	:	ULR/250109/0231
Lab SRF No.	:	ULR/SAM/250109/0231
Sampling Date	:	08.01.2025
Sample Receipt Date	:	09.01.2025
Analysis duration	:	09.01.2025 to 13.01.2025
Reporting Date	:	13.01.2025
Sampling Method	:	Isokinetic
Instrument Used	:	Stack Monitoring Kit
Ambient Temperature (°C)	:	23.4 °C
Stack Temperature (°C)	:	146.9 °C
Sampling Duration (Minute)	:	45
Stack attached to //FULR Used	:	**DG Set No-02 (180 KVA)**
Test Protocol	:	IS: 11255 & CPCB Guidelines
Page	:	1/1

TEST RESULTS

Sr. No.	Parameters	Unit	Result	Standard Limit	Test Protocol
1	Particulate Matter (PM)	gm/kw-hr	0.086	<0.2	IS: 11255 (Part-1)
2	Oxides of Nitrogen (as NO_x)	gm/kw-hr	0.141	<4.0	IS: 11255 (P-7)
3	Hydro Carbon (HC)	gm/kw-hr	0.096		IS:13270
4	Carbon Monoxide (CO)	gm/kw-hr	0.357	<3.5	ULR/SOP/ST/01
5	Sulphur Dioxide	gm/kw-hr	0.034	Not Specified	IS: 11255 (P-2)

----------End of Report----------

Checked By

Approved By

Note: 01. The test results are related to the sample/tested as identified.
02. The sample will be destroyed after retention time unless otherwise specified.
03. Any discrepancy found in the test report may be communicated with in seven days.
04. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of **UNITED LAB RESEARCH PVT. LTD. CEO.**

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, AAN CLOTHINGS LLP aims to enhance **environmental responsibility, transparency, and sustainability efforts**.

END OF REPORT