Greenhouse Gases Emission Report, 2025

Contents

About the Report

The 2025 GHG Emissions Report provides a detailed inventory of emissions across Scope 1, Scope 2, and Scope 3 categories. Scope 1 includes direct emissions from owned or controlled sources such as diesel generator sets, forklifts, and company-owned vehicles. Scope 2 covers indirect emissions from purchased electricity used in lighting, air conditioning, and battery charging for electric vehicles. Scope 3 encompasses all other indirect emissions, including transportation of goods by third-party logistics, employee commuting, procurement of chemicals, and waste disposal. Emission factors and Global Warming Potential (GWP) values are derived from the latest IPCC guidelines to ensure scientific accuracy and comparability.

The report reflects active engagement with internal and external stakeholders to define organizational boundaries and operational control. Key stakeholders include warehouse managers, logistics partners, suppliers, and customers. Their inputs helped identify emission hotspots and prioritize reduction strategies. The boundary-setting approach aligns with ISO 14064-1 and ISO 14064-2 standards, ensuring transparency and consistency in quantification and reporting. Stakeholder collaboration also facilitated data collection for Scope 3 emissions, which are often the most complex and dispersed.

Recognizing the importance of behavioural change and informed participation, the organization conducted targeted awareness sessions and training programs for employees, contractors, and logistics partners. These sessions covered climate science fundamentals, GHG accounting principles, and practical steps to reduce emissions in daily operations. Visual dashboards, multilingual infographics, and role-specific SOPs were deployed to enhance understanding and retention. Feedback loops and quizzes ensured continuous learning and engagement, fostering a culture of environmental responsibility across the workforce.

The report adheres to internationally recognized standards, including ISO 14064-1 for organizational-level GHG quantification and ISO 14064-2 for project-level emission reductions. Emission factors are sourced from the IPCC Fifth Assessment Report, and GWP values are applied consistently across all categories. Data quality checks, third-party verification, and internal audits ensure the credibility and reliability of reported figures. The methodology section outlines assumptions, exclusions, and uncertainties, enabling stakeholders to interpret the data with confidence and clarity.

About Vimal Intertrade Pvt. Ltd.

Vimal Intertrade Pvt Ltd is an ISO certified and Care A- rated market leader in chemical distribution and related services in India. Headquartered in Mumbai, the company has a national presence with regional offices and warehousing locations. We are recognized for our efficiency, reliability, and a comprehensive product portfolio catering to diverse industries. Our success is measured by our ability to meet customers' needs with personalized service and technical innovation.

Scope of the Report

The scope of this GHG emission report is to systematically identify, quantify, and document the greenhouse gas emissions generated through our company's operations and related activities. This includes direct emissions from fuel combustion and process-related sources, as well as indirect emissions from purchased electricity and other energy inputs. By establishing a clear baseline of our emissions profile, we aim to enhance transparency, support regulatory compliance, and align with global sustainability frameworks. The measurement process is designed not only to track current emissions but also to inform strategic decisions that will help us control and reduce our environmental impact over time.

This report specifically encompasses **Scope 1 emissions** (direct emissions from owned or controlled sources), **Scope 2 emissions** (indirect emissions from the generation of purchased electricity), and **limited Scope 3 emissions**, which include selected categories such as upstream transportation, business travel, or waste disposal—depending on the availability of reliable data and cooperation from relevant stakeholders. The inclusion of Scope 3 is currently constrained by data access and verification challenges, but efforts are ongoing to expand coverage in future reporting cycles. Through this initiative, we reaffirm our commitment to long-term climate action, operational efficiency, and responsible corporate citizenship.

Reference Standards

In determination of GHG emissions and to prepare this report we have used GHG protocols and standards available but mainly we followed below standards : -

Greenhouse Gas Protocol developed by WRI & WBCSD. www.ghgprotocol.org

ISO 14064-1 : 2018	Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.

Types of GHG Emissions

Sr. No.	Scope	Category	Description	Examples
1	Scope 1	Direct	Sources that are owned or controlled by the Vimal Intertrade Pvt. Ltd.	Vehicles, Gas Stoves Fire Extinguishers, Refrigerant of Acs, Diesel Generator
2	Scope 2	Indirect	Purchased Electricity Consumed by VIMAL INTERTRADE PVT. LTD.	Electricity we purchased
3	Scope 3	Indirect	Consequence of activities of the entity that occur from sources not owned or controlled by the entity. Upstream activities from All Suppliers to VIMAL INTERTRADE PVT. LTD. and Downstream Activities from VIMAL INTERTRADE PVT. LTD. to Our Buyers (Customers).	Transportation of vehicles for purchase of goods and distribution of goods. Employee Commute. Business Travels.

Methodology Used

1 Define Organization Boundary

2 Define Reporting Boundary

3 Define Approach

4 Determine GHG Inventory

5 Define Reporting Period

6 Estimate Activity data

7 Determine Emissions Factor

8 Determine GWP

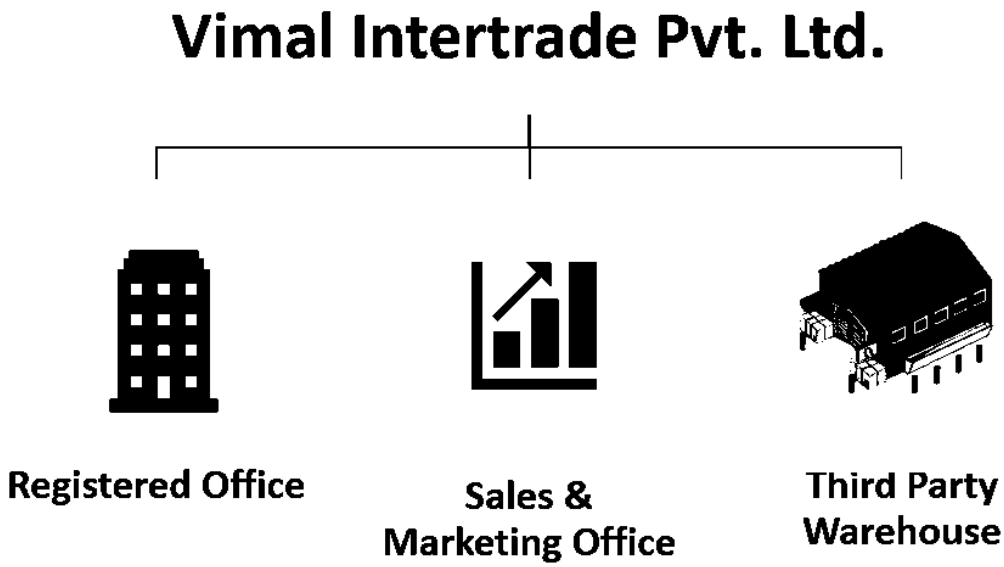
9 Estimate GHG Emissions

10 Reporting & Publication

Organization Boundary

Vimal Intertrade Pvt. Ltd.

Reporting Boundary



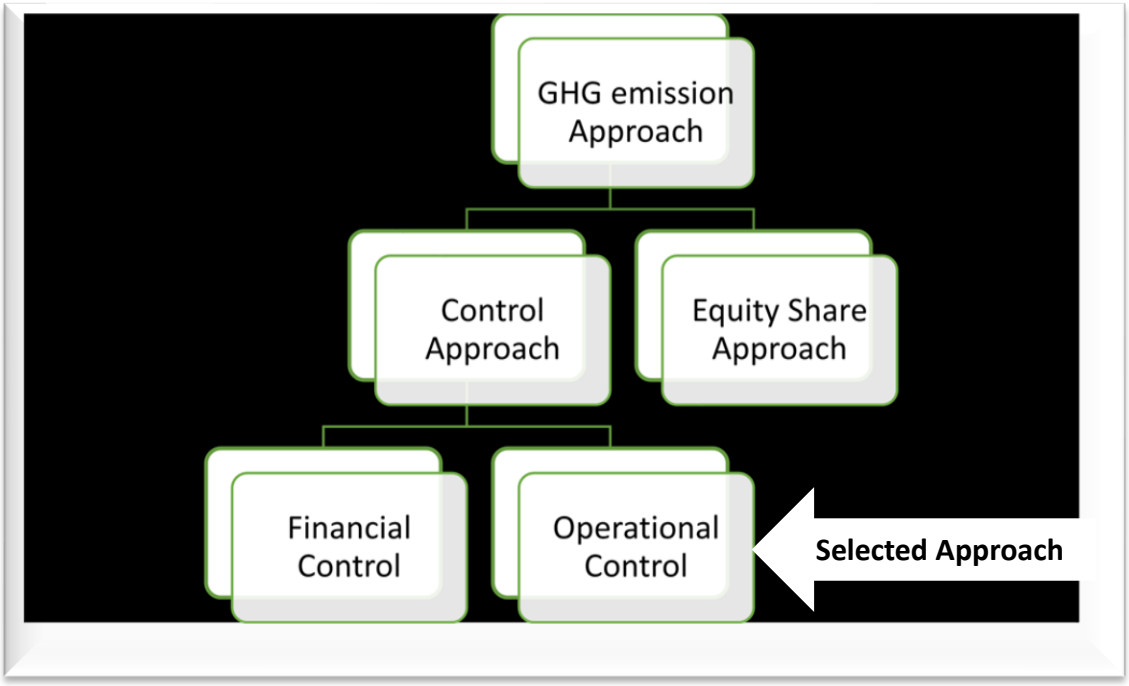
Registered Office		C-310, Shyamkamal Agarwal Market, Vile Parle – East, Mumbai – 400057, Maharashtra, India
Sales & Marketing Office		Shivam Centrium, Sahar Road, Above Nexa Showroom, Andheri – East, Mumbai – 400069, Maharashtra, India.
Warehouse (Third Party)		Vimal Logistics Pvt. Ltd. Main Site : 78/12, Phase – 1, GIDC, Vatva, Ahmedabad – 382445, Gujarat, India.

Reporting Period

For this report reporting period is from 01-01-2025 to 31-12-2025.

Declaration : We have estimated activity data for the month of December-2025 based on trend analysis of previous 3 years data.

Approach for GHG Inventory



We have used operational control approach to determine the organizational inventory boundary under which we have included all sources of emissions which are under our full operational control.

Determination of Inventory & Frequency

VIMAL INTERTRADE PVT. LTD. has determined below inventory for the purpose of estimation of GHG within its operational control and based on availability of data. We have last updated our inventory in January-2025.

We are updating our inventory once in a year and now next review will be in January-2026.

GHG Inventory

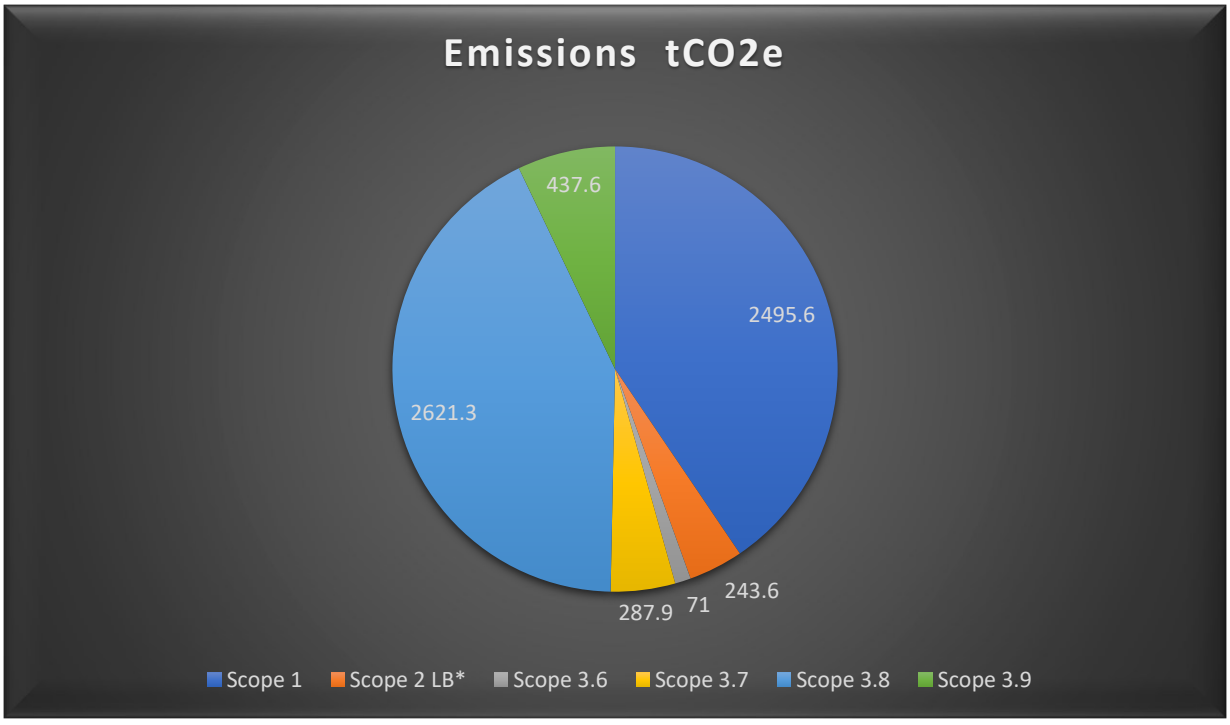
Type of Source Activity	Type of Source	Type of GHG Emission
Four Wheelers (Owned)	Direct	Scope 1
Air Conditioners Refrigerant	Direct	Scope 1
Purchased Electricity	Indirect	Scope 2
Fire Extinguishers	Direct	Scope 1
Diesel Generator	Direct	Scope 1
Refrigerator	Indirect	Scope 2
Electric Induction	Indirect	Scope 2
Electric Material Handling Equipments	Indirect	Scope 2

Type of Source Activity	Type of Source	Type of GHG Emission
Business Travels	Indirect	Scope 3
Employee Commute	Indirect	Scope 3
Upstream Transportation and Distribution	Indirect	Scope 3
Downstream Transportation and Distribution	Indirect	Scope 3

Estimation of GHG Emissions- 2025

Category	Type	Source	tCO2e
Scope 1	Direct	Vehicles, AC, Fire Extinguishers, DG Set,	2495.6
Scope 2 LB*	Indirect	Purchased Electricity	243.6
Scope 3.6	Indirect	Business Travel – Upstream	71.0
Scope 3.7	Indirect	Employee Commute – Upstream	287.9
Scope 3.8	Indirect	Upstream Transportation & Distribution	2621.3
Scope 3.9	Indirect	Downstream Transportation & Distribution	437.6
Total Scope 3	Indirect	Upstream & Downstream	3417.8
Total			**6157.0**

LB = Location Based

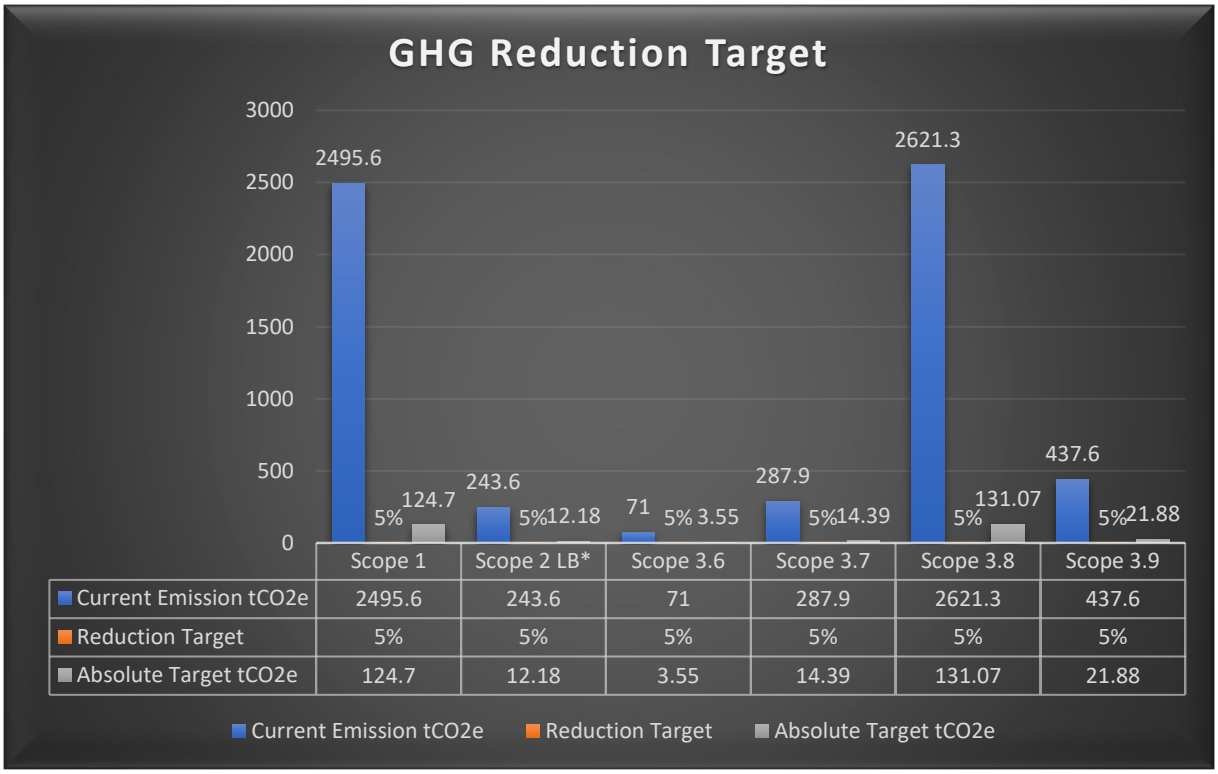


Source / Fuel Type	Emission Factor	Reference
Petrol	2.29 $KgCO_2$/Litre	GHG Protocol & IPCC
Diesel	2.91 $KgCO_2$/Litre	GHG Protocol & IPCC

Source / Fuel Type	Emission Factor	Reference
CNG	2.69 $KgCO_2/Kg$	GHG Protocol & IPCC
PNG	2.69 $KgCO_2/Kg$	GHG Protocol & IPCC
Electricity – Location Based	0.727 $KgCO_2/KWH$	Central Electricity Authority

GHG Reduction Target for the next year

Category	Current Emission tCO2e	Reduction Target	Absolute Target tCO2e	Next Review
Scope 1	2495.6	5%	124.7	December – 2026
Scope 2 LB*	243.6	5%	12.18	December – 2026
Scope 3.6	71.0	5%	3.55	December – 2026
Scope 3.7	287.9	5%	14.39	December – 2026
Scope 3.8	2621.3	5%	131.07	December – 2026
Scope 3.9	437.6	5%	21.88	December – 2026



Expanded Targets of GHG reductions

Organization is aiming to reduce combined scope 1 & scope2 emissions by minimum of 10% by December-2027. Also aiming to calculate all upstream emission in 2026 and reduce upstream emissions by 5% to 7% by December-2026.

GHG Reduction Initiatives for the next year

- Avoid single occupant vehicles, arrange shared vehicles whenever possible.
- Arrange for staff vehicles for group of employees from same area
- Check for Electric Vehicles
- Implement high energy efficiency assets into the factory
- Reduce energy waste during non-productive timings
- Go with remote online meetings whenever possible to reduce business travels
- Check the possibility for Solar Panels at factory building
- Plant more and more trees near factory building

Assumptions & Sources of Data

1. Electricity Consumption Bills
2. Fuel purchase Bills
3. Internal records of Fire Extinguishers Refilling
4. Internal records of Air Conditioners Refilling
5. Internal records of Petrol & Diesel Consumed
6. Internal records of business travels of employees
7. Internal records of employee commuting transportation
8 Employee Commuting Travel by Personal Vehicles
9. Data available in public domains for public transports
10. Emission factor for KWH is sourced from Central Electricity Authority, Ministry of Power, Government of India Co2 baseline database user guide version 19.0 December, 2023.
11. Emission Factor for Fuel (Diesel) is sourced from GHG Protocol last modified in March-2024. For Refrigerant used UK.com government data and available data on internet.
12. All GHG values are calculated using 100-year GWP values from IPCC AR6.
13. T&D loss for electricity is not considered due to unavailability of authenticate data.

Quality Assurance

The greenhouse gas (GHG) emissions disclosed in this report have been calculated using internationally recognized methodologies and protocols, including the **GHG Protocol Corporate Accounting and Reporting Standard** and relevant **ISO 14064 guidelines**.

- **Data Sources**
  - ❖ Activity data were obtained from verified internal records such as fuel consumption logs, electricity bills and procurement data.
  - ❖ Emission factors were sourced from authoritative databases including the **Intergovernmental Panel on Climate Change (IPCC)**, **national grid emission factors**, and other peer-reviewed or government-published references.
  - ❖ Where primary data were unavailable, conservative estimates and industry benchmarks were applied, with assumptions clearly documented.

- **Calculation Methodology**
  - ❖ Emissions were categorized into **Scope 1 (direct), Scope 2 (indirect from purchased energy), and selected Scope 3 (other indirect emissions)** in accordance with the GHG Protocol.
  - ❖ All calculations were subject to internal review and cross-checking to ensure accuracy, consistency, and completeness.
  - ❖ Any material changes in methodology or data sources compared to previous reporting years have been disclosed.
- **Quality Assurance Process**
  - ❖ Data collection and calculation procedures were reviewed by the Sustainability and Compliance team to ensure adherence to company policies and international standards.
  - ❖ Independent verification of selected datasets was conducted to validate accuracy and reliability.
  - ❖ Controls were implemented to minimize errors, including reconciliation of energy and material balances, and periodic audits of source data.
- **Assurance Commitment**
  The organization is committed to continuous improvement in data quality and transparency. Future reports will incorporate enhanced monitoring systems, updated emission factors, and third-party assurance where applicable.

Statements of Limiting Conditions

- **Scope 3 Coverage**
  The Scope 3 emissions disclosed in this report are limited to categories where reasonably available data could be obtained. Due to the complexity and breadth of upstream and downstream value chain activities, not all Scope 3 categories have been fully quantified. The reported figures therefore represent a partial estimate and may not capture the full extent of indirect emissions.
- **Upstream Data Availability**
  Accurate and reliable upstream emissions data from suppliers and contractors were not consistently available. In such cases, industry-average emission factors, proxy datasets, or conservative estimates were applied. These limitations may affect the precision of reported upstream emissions.
- **Transportation Distance Assumptions**
  For upstream transportation and distribution, distances of travel were estimated based on typical supply chain routes, regional averages, or assumed point-to-point

distances where actual logistics data were unavailable. These assumptions introduce uncertainty into the calculated emissions, particularly for multi-modal or international transport.

- **Downstream Data Gaps**
  Data for downstream transportation and distribution of products to customers were not available at the time of reporting. As a result, downstream transportation emissions have not been included in this year's inventory. The organization is committed to improving data collection mechanisms to address this gap in future reporting cycles.

Assurance Commitment

The organization recognizes these limitations and has disclosed them to ensure transparency. Efforts are ongoing to:

- Engage suppliers and logistics partners for more accurate upstream and downstream data.
- Implement improved tracking systems for transportation distances and modes.
- Expand Scope 3 coverage progressively in line with international reporting standards.

Executive Summary

The 2025 Greenhouse Gas (GHG) Emission Report provides a transparent and comprehensive overview of Vimal Intertrade Pvt. Ltd.'s carbon footprint for the reporting year 1 January 2025 to 31 December 2025. This report quantifies emissions across Scope 1 (direct emissions), Scope 2 (purchased electricity), and selected Scope 3 categories (business travel and employee commuting) in accordance with the GHG Protocol and ISO 14064-1:2018 standards.

For the reporting year, Vimal Intertrade recorded **total GHG emissions of 6157.00 tCO_2e**, comprising:

· **Scope 1:** 2495.6 tCO_2e

· **Scope 2:** 243.6 tCO_2e

· **Scope 3 (selected upstream):** 3417.8 tCO_2e

Scope 1 emissions were primarily driven by fuel consumption in vehicles, AC, Fire extinguishers. Scope 2 emissions reflect electricity consumption at the Offices and warehouse, while Scope 3 emissions resulted largely from employee commuting, business travel and partially upstream and downstream transportation and distribution.

Vimal Intertrade is committed to continuous improvement in climate performance and has set an initial target to reduce Scope 1, Scope 2, and selected Scope 3 emissions by **5% in the next reporting cycle**, with ongoing efforts to align long-term goals with national climate

commitments and emerging global standards. Planned initiatives include energy-efficiency enhancements, integration of renewable energy, optimization of mobility patterns, and adoption of low-carbon technologies. The company also aims to progressively expand the coverage of Scope 3 emissions as supplier data availability improves.

This GHG report reinforces Vimal's dedication to operational transparency, responsible manufacturing practices, and long-term environmental stewardship. By strengthening data quality, expanding the emissions inventory, and integrating sustainability into core business functions, Vimal Intertrade strives to meet stakeholder expectations while contributing meaningfully to climate action.

Authorized Signature

Name : Mr. Jay Mehta

Date : 30-11-2025

Encl : GHG Assurance Statement from an independent GHG Lead Verifier "GAAKAA TECH".