



# MOSCO PRINTS INDIA PRIVATE LIMITED


No. 25, 23/1, 1<sup>st</sup> Cross, Yallakunte Village, Old Mangamana Palya, Bommanahalli,  
Bengaluru, Karnataka- 560 068. India.

E: [info@moscoprints.com](mailto:info@moscoprints.com), Mobile: +91 8496885555

## GHG EMISSION REPORT



**Form No** : MPIPL/ESG/F-480  
**Issue No** : 01  
**Rev No** : 00  
**Date** : 12<sup>th</sup> August, 2024

	<h1 style="color: green;">MOSCO PRINTS INDIA PVT LTD</h1> <p style="color: blue;">No. 25, 23/1, 1<sup>st</sup> Cross, Yallakunte Village, Old Mangamana Palya, Bommanahalli, Bengaluru, Karnataka- 560 068. India. E: <a href="mailto:info@moscoprints.com">info@moscoprints.com</a>, Mobile: +91 8496885555</p>			
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## Introduction

At MPIPL, we are committed to sustainability and environmental stewardship, integrating Environmental, Social, and Governance (ESG) principles into our operations. Our focus on reducing greenhouse gas (GHG) emissions aligns with global climate goals and underscores our responsibility to minimize our environmental footprint while maintaining excellence in the design, manufacture, and supply of printed products, cartons, rigid gift boxes, shipper boxes, labels, stickers, books, and POP (Post Office Protocol). This GHG Emissions Reduction Plan outlines our strategy, including dedicated resources, measurable goals, and a time-bound action plan to achieve meaningful reductions in GHG emissions across Scope 1, Scope 2, and Scope 3 categories.

## GHG Emission Overview

Our GHG emissions are categorized into three scopes as defined by the Greenhouse Gas Protocol:

### Scope 1: Direct GHG Emissions

- Scope 1 emissions originate directly from activities controlled by a company. These include the combustion of fuels in company-owned vehicles and manufacturing equipment, which release greenhouse gases during operation. Additionally, the use of refrigerants in facility operations contributes to Scope 1 emissions due to potential leaks or their high global warming potential. These emissions are categorized as direct because they stem from sources the organization owns or controls, emphasizing the need for efficient energy use, proper equipment maintenance, and refrigerant management to minimize environmental impact.

### Scope 2: Indirect GHG Emissions from Purchased Energy

- Scope 2 emissions are indirect greenhouse gas emissions associated with the consumption of purchased electricity, steam, heat, or cooling. They arise primarily from electricity used in manufacturing operations, office facilities, and essential systems like lighting and HVAC. While these emissions occur at the power generation source rather than the company's premises, they are directly tied to the organization's energy use. Reducing Scope 2 emissions involves improving energy efficiency, adopting renewable energy sources, and implementing sustainable practices in facility operations to minimize reliance on carbon-intensive power.

### Scope 3: Other Indirect Emissions in the Value Chain

- Scope 3 emissions are indirect greenhouse gas emissions resulting from activities across the value chain that the company does not directly control. These include emissions from raw material procurement and transportation, waste management and disposal, employee commuting, and business travel. Additionally, they encompass emissions from the distribution of products and their end-of-life treatment. Managing Scope 3 emissions requires collaboration with suppliers, customers, and stakeholders to promote sustainable practices, reduce waste, optimize logistics, and enhance the lifecycle impact of products and services.

## Organizational Boundary for GHG Emissions

MPIPL adopts the operational control approach to define its organizational boundary for GHG emissions. This approach includes all facilities and operations where MPIPL has the authority to implement policies and operational procedures. The boundary encompasses manufacturing plants, warehouses, administrative offices, and logistics operations that are directly managed by MPIPL in India. Under this boundary, Scope 1 emissions include direct emissions from fuel combustion in company-owned vehicles and manufacturing processes. Scope 2 emissions cover indirect emissions from purchased electricity used in our production facilities and offices. Scope 3 emissions account for upstream and downstream activities such as raw material procurement, transportation, employee commuting, and product distribution.



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## EMISSION SUMMARY

### Locations covered

No. 25, 23/1, 1<sup>st</sup> Cross, Yallakunte Village, Old Mangamana Palya, Bommanahalli,  
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Calculation period: April 2023 to March 2024

All values in MT CO<sub>2</sub> e

EMISSION	CURRENT YEAR 2023-2024	TARGET 2024-2025	TARGET 2030
Scope 1	12.61	10%	Net zero
Scope 2	281.927	10%	Net zero
Scope 3 Upstream	17535.413	10%	Net zero
Scope3 Downstream	2800.846	10%	Net zero
Total Scope 3	20336.259	10%	Net zero
Total GHG Emission	<b>20630.796</b>	<b>10%</b>	<b>Net zero</b>



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Quantity of products delivered	899,999 Lakhs
GHG Intensity (GHG emission per Lakhs of product delivered) is	20630.796 / 8,99.99
GHG Intensity	22,923
Target for 2025	10% reduction
Target for 2030	Net zero

### Conclusion

MPIPL's GHG Emissions Reduction Plan demonstrates our commitment to sustainability and our proactive approach to mitigating climate change. By aligning our operations with ESG principles and adopting ambitious, time-bound targets, we aim to reduce our carbon footprint significantly while fostering innovation and operational efficiency. This plan will not only enhance our environmental performance but also strengthen our reputation as a responsible and forward-thinking organization.

Prepared By:

MOHAMED DHARIQ H  
QMS



Approved By:

SUSHIL KUMAR J  
MANAGING DIRECTOR