



GHG VERIFICATION STATEMENT

Innova Rubbers Pvt. Ltd.

Plant 1 - Innova Rubbers Pvt. Ltd., H-107, MIDC Ambad, Nashik -422010

Plant 2 - Innova Rubbers Pvt. Ltd., A 26/27, MIDC Ambad, Nashik -422010

Reporting Period: 1 April 2023 - 31 March 2024

This report and all its content are confidential and remains the property
of DQS India Pvt. Ltd

Verification Report

1	Introduction.....	2
2	Scope	2
3	Objectives of Verification	2
4	GHG Reporting Criteria.....	2
5	Verification Criteria and Level of Assurance.....	3
6	Verification Team.....	3
7	Confidentiality	3
8	Disclaimer.....	3
9	Methodology	3
10	Report on Findings	4
10.1	Organizational & Reporting Boundaries.....	4
10.2	Reporting Period	5
10.1	Base Year	5
10.2	Methodology, GHG Data and Emission Factors	5
10.3	Calculation of GHG Emissions and Removals	6
11	Management System and Quality Assurance	7
12	Areas for Improvement.....	7

1 Introduction

DQS India was appointed by Innova Rubbers Pvt. Ltd. (hereafter referred to as Innova Rubbers) in July 2024 to verify the organization's Green House Gas (GHG) emissions inventory, also known as 'Carbon footprint' for the Financial Year (FY) 2023-24 (1st April 2023 - 31st March 2024).

Innova Rubbers Pvt. Ltd. is an IATF-16949 certified, ISO 14001 and ISO45001 certified manufacturer of rubber moulded and rubber to metal bonded components for the automotive and non-automotive industry located at Nashik, India. Their core competence lies in design and manufacture of engine mounts, body mounts, tuned vibration absorbers, silent block bushes, torsional vibration dampers, trailing & control arm bushes, leaf spring bushes, power train mounts, steering couplings, steering mounts, strut mounts, axle bumpers & bump stoppers, shock absorber bushes, exhaust hangers, and many more items of the NVH family.

They have a manufacturing facility comprising of injection, compression and transfer moulding machines, fully automated phosphating plant and automatic adhesive application system. Their rubber mixing plant comprises intermix, supplemented with auto-dispensing machine for accurate weighing and batching of chemicals, Carbon batch off system and they have their own designing facility. They have direct supplies to Automotive OEM's like Mahindra & Mahindra Ltd., Bajaj Auto Ltd., Tata Motors Ltd., DICV, Ashok Leyland, Force Motors and are Tier 2 (indirect) suppliers to Hyundai, Maruti Suzuki and Toyota through Tenneco Automotive - India, Sharda Motors Industries, Gabriel Ltd., JTEKT India Ltd., Nexteer Automotive, Mando Automotive India Ltd. and others besides direct supplies to Tenneco Automotive worldwide, Cummins-Brazil, Gabriel Ride Control-USA.

They have got into a Technical Tie-up with Semyung Industrial Corporation of South Korea for design and analysis of parts.

This is the first GHG verification carried out by DQS India for Innova Rubbers.

2 Scope

The scope of the verification was to provide an independent and objective review of the information contained in the "GHG Report Version 1.4" and "GHG Quantification (hereafter referred to as the "GHG documentation") which was developed in line with ISO 14064-1 : 2018 & The Greenhouse Gas Protocol (hereafter referred as GHG protocol

The verification is not meant to provide any consulting towards the client. However, documented findings may provide input for improvement of the future GHG reporting.

3 Objectives of Verification

The objectives of the verification are as follows:

- i. To verify conformity with ISO 14064-1 requirements & GHG protocol
- ii. To determine the accuracy of the information reported in Innova Rubbers' GHG documentation for reporting period between 1st April 2023 to 31st March 2024;
- iii. To assess the completeness of the coverage of reporting for Scope 1, 2 and Scope 3 emissions;
- iv. To determine whether the methodology used to calculate the emissions reduction is correct and all assumptions chosen are appropriate, reasonable and/or justified suitably.
- v. To verify and certify reported GHG emissions of the company.

4 GHG Reporting Criteria

The GHG reporting criterion follows The Greenhouse Gas Protocol - A Corporate Accounting and Reporting Standard (Revised Edition) and ISO 14064-1:2018 - Greenhouse gases – Part 1 standard.

5 Verification Criteria and Level of Assurance

The verification criteria followed is ISO 14064-3:2019 Specification with guidance for the validation and verification of greenhouse gas assertions.

The level of assurance provided is reasonable level.

6 Verification Team

Team Lead	Mrs. Mohua Banerjee De
Team Member	Ms. Neha Uchil

7 Confidentiality

The members of the verification team from DQS India have given undertakings to not disclose any confidential information that may have been provided to them by Innova Rubbers during the verification process, including information contained in this verification report, to any third party, without the approval of Innova Rubbers unless such disclosure is required by law. If required by law, Innova Rubbers will be informed of the information disclosed.

8 Disclaimer

The verification has been based on the information provided for the reporting year FY 2023-24 i.e. 1 April 2023 to 31 March 2024 only.

Being a reasonable level of assurance, the validator or verifier provides a reasonable, but not absolute, level of assurance that the responsible party's GHG assertion is materially correct. (as defined in ISO 14064- 3).

The verification is provided based on the data provided by the organisation, and the responsibility of verifiability of the data rests with the organisation

9 Methodology

The DQS India verification process consisted of the following phases:

- i. Off-site documents review of GHG report and the calculation of GHG emissions provided by Innova Rubbers manufacturing site;
- ii. Onsite review of the activity data sources based on the supporting data provided by the Innova Rubbers team.
- iii. Preparation and issuance of verification audit findings;
- iv. Review of addressal of findings and resolution
- v. Resolution of outstanding issues; and
- vi. Issuance of final verification report & assurance statement.

Duration of Verification

The verification of the GHG documentation was carried out in August, September and October 2024 with details as follows:

S. No	Activity	Dates
1.	Document review (Offsite)	27 th August 2024
2.	Scope 1, 2 & 3 emissions (Onsite)	19 th & 20 th September 2024
3.	Calculations and review after corrections (Offsite)	10 th October 2024
4.	Internal review & issuance of draft Letter of Conformance (LOC)	15 th October 2024

The following list of the documents were reviewed during the verification:

- i. Greenhouse Gas Emission Report for FY 2023-24 Innova Rubbers received on 26 August 2024 and final revised report received on 8 October 2024.
- ii. GHG calculation sheet received on 18, 29 Sept and 8 October 2024.
- iii. Supporting documentation on activity data presented during the onsite audit;
- iv. GHG Emission Factors for Company Reporting;
- v. IPCC Guidelines for National Greenhouse Gas Inventories
- vi. Department for Environment, Food & Rural Affairs (DEFRA) - Greenhouse gas reporting: conversion factors 2023

10 Report on Findings

10.1 Organizational & Reporting Boundaries

Innova Rubbers applies a **financial control approach** to boundary-setting, assigning all emissions from activities where the financial aspects are driven by Innova. The quantification of the GHG emissions included the following:

Emissions Category as per GHG Protocol	Emissions Category as per ISO 14064-1	Included Sources	Excluded Sources	Acceptability of exclusion (reason)
Scope 1 - Direct Emission	Category 1- Direct GHG emissions and removals	Diesel consumption for DG set and cars	None	Not applicable (NA)
		Refrigerant leakages from the air conditioners, coolers and chillers		
Scope 2 - Indirect Emission	Category 2- Indirect GHG emissions from imported energy	Electricity consumption by the manufacturing unit	None	NA
Scope 3 - Categories 1-15	Category 4- Indirect GHG emissions from products used by the organisation	Cat 1 - Purchased Goods and Services	Excluded	Acceptable as necessary historical data not available.
		Cat 2 - Capital Goods	Excluded	Acceptable as necessary historical data not available.
	Category 3- Indirect GHG emissions from transportation	Cat 3 - Fuel and Energy related Activities	None	NA
		Cat 4 - Upstream transportation & distribution	None	NA
	Category 4- Indirect GHG emissions from products used by the organisation	Cat 5 - Waste generation	None	NA
	Category 3- Indirect GHG emissions from transportation	Cat 6 - Business travel	None	NA
		Cat 7 - Employee commute	None	NA
Cat 9 - Downstream transportation & distribution		None	NA	

	Category 5 - Indirect GHG emissions associated with the use of products from the organization	Category 10 - Processing of Sold Products	Excluded	Acceptable as necessary historical data not available.
		Cat 12 - End of life treatment of sold products	Excluded	Acceptable as necessary historical data not available.

It can be confirmed that the above reporting accounts for Scope 1, Scope 2 & Scope 3 emissions (as per GHG protocol) & Cat 1-6 as per ISO 14064-1 applicable to the organisation.

It has also been verified that there were neither GHG sinks nor reservoirs included within the operational boundaries of Innova Rubbers; and, there were no emissions from the use of biomass in any of Innova Rubbers' facilities. Hence, these emissions had been omitted from the GHG inventory and documentation.

10.2 Reporting Period

The reporting period covers from 1 April 2023 to 31 March 2024.

10.1 Base Year

Base year chosen by the Innova Rubbers:	FY 2023-24
Was there any base year re-calculation (Yes/No):	Since current reporting year is considered as base year re-calculation is not relevant.
If yes, acceptability of the reason of the re-calculation:	NA
Comparison of current emissions with base year emissions:	NA
Justification given by the for the change: Why it was acceptable:	NA

10.2 Methodology, GHG Data and Emission Factors

Scopes	Activity Data	Primary data Source	Secondary data Source	Remarks on Uncertainty/risk of the source
Scope 1/ Category 1	Diesel	Consumption data from each unit	DEFRA - Version 1.1_2023	Since primary data source is measured at the site-level and emission factors have been taken from reputed sources, the uncertainty is found to be minimum.
	Refrigerants	Service reports	Latest GWP factors are taken from IPCC AR6	
Scope 2/ Category 2	Grid & renewable electricity	Electricity bills	Central Electricity Authority - CO2 Baseline Database for the Indian Power Sector, v.19, 2023	
Scope 3 / Categories 3-6	Fuel and Energy related Activities	Same as scope 1 and 2 data	DEFRA 2023 WTT factors for fuels and T&D loss factors from CEA	

	Upstream transportation & distribution	Distance (km) from SAP and Gmap	DEFRA 2023	sources are taken from either national or international publications, the risk & uncertainty are low-medium
	Waste generated	Waste category wise generation (T) and disposal method from EHS compliances	DEFRA 2023 emission factors by waste category and disposal method	
	Business travel	Mode of transport wise Pax-Km data from HR sources	DEFRA 2023	
	Employee commute	Mode of transport wise km data from HR admin records	DEFRA 2023	
	Downstream transportation & distribution	Distance (km) from SAP and Gmap	DEFRA 2023	

During the verification, reasonable level sampling done on the primary data sources, the data verified was found to be acceptable. The emission factors were also checked and found to be acceptable.

10.3 Calculation of GHG Emissions and Removals

From the review of the information reported in the GHG report and with the reference to verifiable and acceptable data as reported in section 6 of this report, it can be concluded that the calculation of GHG emissions has been carried out in accordance with the quantification methodology as specified in section 9 of this report. The final GHGs emission from the identified sources were summarized as follows:

Emission Category as per ISO 14064-1	Emission Category as per GHG Protocol	GHG Sources	Emissions (tCO ₂ e)	Total Emissions (tCO ₂ e)
Category 1- Direct GHG emissions and removals	Scope 1- Direct Emission	Diesel - DG set	CO ₂ - 2.7573	416.998
			CH ₄ - 0.0003	
			N ₂ O - 0.35	
		Diesel - Company owned vehicles	CO ₂ - 25.70	
			CH ₄ - 0.08	
			N ₂ O - 88.40	
		Refrigerant - R22	274.4	
		Refrigerant - R32	17.73	
Refrigerant - R134A	7.65			
CO ₂ Extinguishers	0.24			
Category 2- Indirect GHG emissions from imported energy	Scope 2 - Indirect Emission	Grid Electricity consumption used by the plant	7286.102	7286.10
Category 3- Indirect GHG emissions from transportation	Cat 3 - Fuel and Energy related Activities		1870.212762	7696.50
	Cat 4 - Upstream transportation & distribution		971.4655982	
	Cat 6 - Business travel		45.26900418	

	Cat 7 - Employee commute	21.26363125	
	Cat 9 - Downstream transportation & distribution	4788.289793	
Category 4- Indirect GHG emissions from products used by the organisation	Cat 5 - Waste generation	103.9212643	103.92
Total Scope 3 (Cat 3 & 5 as per ISO 14064) Emissions			7800.42
Total GHG Emissions for Innova Rubbers Pvt. Ltd.			15503.52

11 Management System and Quality Assurance

From the assessment carried out by the verification team, it was found that the overall approach used to calculate the GHG emissions were technically sound as it was traceable to known standard and reference. All findings noted during the verification process have been duly corrected.

12 Areas for Improvement

Following are the areas for improvement which need to be taken into consideration in the future reporting:

1. Calculation of Scope 3 categories 1, 2 & 10 to be included in next financial year's inventory

Abbreviations

Innova Rubbers	Innova Rubbers Pvt. Ltd.
CH ₄	Methane
CO ₂	Carbon dioxide
EF	Emission Factor
GHG	Greenhouse Gas(es)
GWP	Global warming potential
HCFC/HFC	Hydrochlorofluorocarbon
IPCC	Intergovernmental Panel on Climate Change
kWh	Kilowatt-hours
m ³	Meter cube
MT	Metric tonne
N ₂ O	Nitrous oxide
ISO 14064-1	ISO 14064-1:2018 Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
ISO 14064-3	ISO 14064-3:2019 Specification with guidance for the validation and verification of greenhouse gas assertions