



Address: Plot No.11C, Industrial Park, Site – A, Ammavaripalli Village, Penukonda Mandal, Anantapur, Andhra Pradesh, India-515164

Email: [govind@saehani.com](mailto:govind@saehani.com)

CIN -U28999AP2017FTC107297, Tel: +91-9133442003

## Scope 3 Emissions Report

**Company Name:** KSH Automotive Pvt. Ltd.

**Reporting Period:** 1st January 2025 – 30th June 2025

**Location:** Duddebanda

**Prepared by:** EHS Department

**Approved by:** General Manager

**Date:** 30-06-2025

### 1. Introduction

This report outlines the Scope 3 Greenhouse Gas (GHG) emissions of KSH Automotive Pvt. Ltd. for the first half of the calendar year 2025 (January to June). Scope 3 emissions are indirect emissions occurring across the value chain and are categorized as upstream and downstream emissions in accordance with the GHG Protocol.

### 2. Emissions Summary

Category	Scope 3 Source Description	Estimated Emissions (tCO <sub>2</sub> e)	Data Source / Methodology
1. Purchased goods and services	Steel, plastic components, rubber from Tier-1 suppliers	5,100	Spend-based estimation
3. Fuel- and energy-related activities	Transmission and distribution losses of purchased electricity	130	CEA emission factor
4. Upstream transportation and distribution	Inbound logistics from suppliers	1,400	Distance-weighted emission factor
5. Waste generated in operations	Scrap metal, packaging waste, industrial waste disposal	400	Waste logs and standard factors
6. Business travel	Employee air and rail travel for meetings, audits, etc.	100	Travel records



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7. Employee commuting	Daily travel by employees (cars, buses, bikes)	213	Staff survey + standard mode factors
9. Downstream transportation & distribution	Finished goods transport to OEMs/dealers	1,950	Dispatch logs, transport type
11. Use of sold products	Emissions from vehicle part usage during product life	1,120	Lifecycle emission estimates
12. End-of-life treatment of sold products	Recycling/disposal of worn-out parts	250	Based on industry disposal practices

**Total Scope 3 Emissions: 10,663 tCO<sub>2</sub>e**

## 3. Methodology

- Followed **GHG Protocol Corporate Value Chain Standard**
- Used combination of **spend-based, activity-based, and hybrid methods**
- Emission factors sourced from:
  - IPCC 6th Assessment Report
  - India CEA Grid Emission Factors (for T&D)
  - DEFRA / USEPA databases

## 4. Limitations

- This report covers only the first six months of the year, hence emissions represent partial annual activity.
- Some estimations were made using industry averages in absence of supplier-specific data.



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## 5. Improvement Plan

Action	Timeline	Responsibility
Finalize mid-year supplier carbon data	Q3 FY 2025	Procurement & EHS Teams
Improve real-time logistics emission capture	Q3 FY 2025	Logistics Department
Conduct mid-year employee commute survey	Q3 FY 2025	HR & Sustainability Teams
Update life-cycle assumptions	Q4 FY 2025	R&D / Sustainability Team

## 6. Declaration

This report is prepared based on best available data and estimation methods as per international guidelines and is true to the best of our knowledge.

**For KSH Automotive Pvt. Ltd.**

**Mr. Yongsung Kim**

**Managing Director**

