
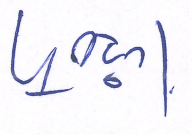
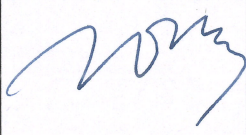
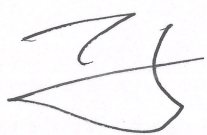



# Greenhouse Gas Report of Hyundai Motor Group and Kia Suppliers

## KSH AUTOMOTIVE PVT LTD

### 2025



				
Plant Head	Maintenance GM	General Manager	Chief Operating Officer	Managing Director
S.DHANASEKAR	JONGGI NOH	YEONSOO KIM	NAMJAE KIM	MYOUNG BOG AN

Revision date	Revision details	Person in charge	Department
30.03.2026	Updated Target plan till 2030	Y .Saisunil	HR & GA

# 1 Supplier Comprehensive Information

## General Information

(1)	Company name	KSH AUTOMOTIVE PVT LTD		(2)	Representative	Mr.Yeonsoo kim		
(3)	Hyundai Motor Group and Kia supplier code	TEDZ		(4)	Designated industry (main Industry)	KIA INDIA		
(5)	Headquarters address	PLOT NO 11C, INDUSTRIAL PARK,SITE A, AMMAVARIPALLI VILLAGE,PENUKONDA						
(6)	Responsible department	HR & GA	(7)	Contact person	Mr.P.Govindarajulu	(8)	Contact person position	Dy.Manager
(9)	Contact person phone number	-	(10)	Contact person mobile phone	95334 42003	(11)	Contact person email	govind@saehani.com
(12)	Reporting year revenue (in KRW Million )	106,560	(13)	Reporting year energy cost (in KRW Million )	2,481.92	(14)	Capital (in KRW Million )	144,320
(15)	Proportion of sales to Hyundai Motor Group	NA	(16)	Proportion of sales to Kia	71.39%	(17)	Proportion of indirect sales	NA

## Site Information

(1)	(2)	(3)	(4)	(5)	(6)		
Site No.	Site name	Site representative	Site industry	Site location	Annual GHG Emissions (tCO <sub>2</sub> -eq) Excluding refrigerants		
					Direct emission (Scope1)	Indirect emission (Scope2)	Total amount
Site 01	Site A	Mr.Yeonsoo kim	KSH AUTOMOTIVE PVT LTD	PLOT NO 11C, INDUSTRIAL PARK,SITE A, AMMAVARIPALLI VILLAGE,PENUKONDA	620.27	10179.71	10799.98
			(7)	Total	620.27	10179.71	10799.98

**2 Site Information****\* Complete for each site****General Information about the Site**

(1)	Site name	KSH AUTOMOTIVE PVT LTD	(2)	Representative	Mr.Yeonsoo kim	(3)	Site number (2p)	11C
			(5)	Industry	KSH AUTOMOTIVE PVT LTD			
(4)	Site location	PLOT NO 11C, INDUSTRIAL PARK,SITE A, AMMAVARIPALLI VILLAGE,PENUKO NDA	(6)	Site phone number	95334 42003			
			(7)	Site responsible department	HR & GA	(8)	Site contact person	Mr.P.Govindarajulu
(10)	Contact person phone number	-	(11)	Contact person mobile phone	95334 42003	(12)	Contact person email	govind@saehani.com
(13)	Main products or processed materials	Automotive components	(14)	Annual production or processing volume	2424196	(15)	Regular employees	237
(16)	Current year sales revenue (in KRW million)	106,560	(17)	Reporting year energy cost (in KRW)	2,481.92	(14)	Capital (in KRW )	144,320

**Site Organizational Boundary (Photo)**

(1)	Classification of documents related to organizational boundaries	
		
(2)	Additional explanation of documents related to organizational boundaries	14.171156054677189, 77.61112516189637

**Guidelines for Preparing the Site Organizational Boundary (Photo)**

---

(1)	<p>Classification of documents related to organizational boundaries</p> <p>Provide aerial photos of the site to verify and substantiate the organizational boundary.</p>
(2)	<p>Additional explanation of documents related to organizational boundaries</p> <p>If the attached site photo includes areas outside the organizational boundary, provide separate markings and additional explanations (If there are any specific details within the organizational boundary, include supplementary explanations).</p>

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# Site Organizational Boundary (Facility Layout)

**(1)** Classification of documents related to organizational boundaries

**PROPOSED AUTO COMPONENTS MANUFACTURING INDUSTRY**  
**M.S. KSH AUTOMOTIVE PRIVATE LIMITED,**  
**PLOT NO.11.C,**  
**INDUSTRIAL PARK, SITE-A, AMMAVARIPALLI VILLAGE, PENCUKONDA REVENUE MANDAL, ANANATAPURAMU DISTRICT, ANDHRA PRADESH, INDIA.**

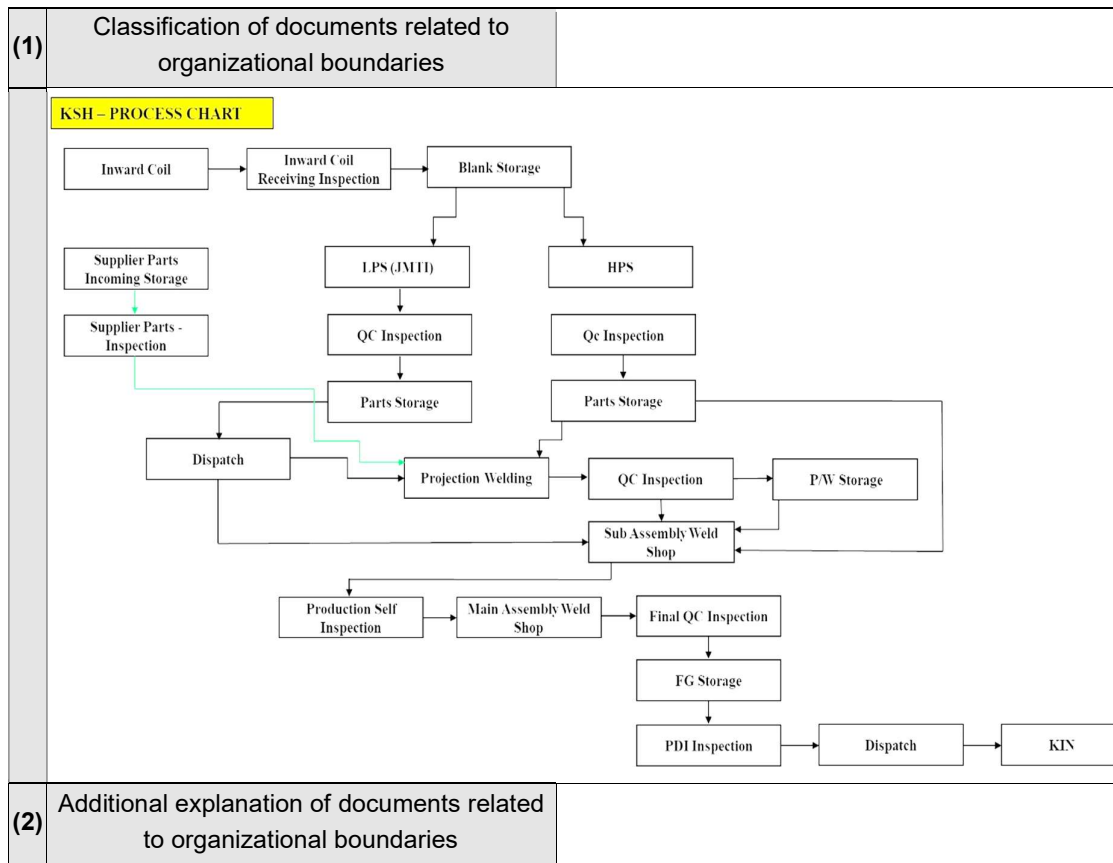
SITE AREA DETAILS			
SL	DESCRIPTION	AREA (SQ. FT)	AREA (SQ. M)
1	TOTAL SET AREA	25,00,00,00	228,915.48
BUILDING AREA DETAILS			
SL	BUILDING NAME	AREA (SQ. FT)	AREA (SQ. M)
1	FACTORY	18,00,00,00	167,053.84
2	CLAND HOUSE-1	80,00,00	742.71
3	OFFICE	20,00,00	185.81
4	CLAND HOUSE-2	10,00,00	928.58
5	CLAND HOUSE-3	10,00,00	928.58
6	WATER TANK & PUMP ROOM	50,00,00	464.51
7	SOIL OIL STORAGE	10,00,00	928.58
8	GENERATOR BUILDING	50,00,00	464.51
9	CANTEN	10,00,00	928.58
10	CLAND HOUSE-4	10,00,00	928.58
<b>TOTAL</b>		<b>1,00,00,00</b>	<b>928.58</b>
SITE BACK OF WALL			
SL	DESCRIPTION	AREA (SQ. FT)	AREA (SQ. M)
1	FRONT SET BACK	10,00,00	928.58
2	REAR SET BACK	10,00,00	928.58
3	SIDE SET BACK	10,00,00	928.58
4	SOIL SET BACK	10,00,00	928.58
5	SOIL SET BACK	10,00,00	928.58

**(2)** Additional explanation of documents related to organizational boundaries

## Guidelines for Preparing the Site Organizational Boundary (Facility Layout)

<p>Classification of documents related to organizational boundaries</p>	<p>Provide an image file of the facility layout to verify and substantiate the site organizational boundary.</p>
<p>Additional explanation of documents related to organizational boundaries</p>	<p>If the attached site photo includes areas outside the organizational boundary, provide separate markings and additional explanations (If there are any specific details within the organizational boundary, include supplementary explanations).</p>

**Site Organizational Boundary (Process Diagram)**



**Guidelines for Preparing the Site Organizational Boundary (Process Diagram)**

<p>Classification of documents (1) related to organizational boundaries</p>	<p>Provide a process diagram (GHG flowchart) of the site to verify and substantiate the site organizational boundary.</p>
<p>Additional explanation of (2) documents related to organizational boundaries</p>	<p>If the attached site photo includes areas outside the organizational boundary, provide separate markings and additional explanations (If there are any specific details within the organizational boundary, include supplementary explanations).</p>

### 3 Basic Information

#### Organizational Boundary

Selected Organizational Boundary Setting Approach	
<input type="checkbox"/> Financial control approach	<input checked="" type="checkbox"/> <b>Operational control approach</b>
Inclusion of overseas sites	
<input type="checkbox"/> Yes (Country: ) <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>No overseas sites</b>	

#### Operational Boundary

Inclusion of Refrigerants for Calculation					
<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No		
Refrigerant Types and GWP					
Refrigerant	R-410A	R-134a	CO2-4.5KG	CO2-2G	CO2-6KG
GWP	1924	1300	1	1	16

#### Emission Information

EMISSIONS	TOTAL (tCO2e)	CO2 (t)	CH4 (t)	N2O (t)	HFCs (t)	PFCs (t)	SF6 (t)
Scope 1	620.27	61.74	0.07	0.13	558.32		
Scope 2	10179.71						
Scope 3 (Optional)							

#### Methodology and Emission Factors

GHG Methodology and Emission Factors Used in Emissions Calculation	
Domestic	
Assurance Engagements on Greenhouse Gas Statements with ISO 17029 and ISAE 3000 (Revised), Assurance Engagements Other than Audits or Reviews of Historical Financial Information International Framework for Assurance Engagements.	
Overseas	
Countries	Methodology and Emission Factors
NA	

## 4 Reduction Information

### Baseline Year for Reduction

Baseline Year for Reduction	
<input checked="" type="checkbox"/> 2023	<input type="checkbox"/> Other (Reason: 2024 )

### Reduction Status for Reporting Year

Baseline year Scope1 emission	Baseline year Scope2 emission	Baseline year total emission	Reduction rate compared to baseline year (%)	Target year emission	Target year Scope1 emission	Target year Scope2 emission	Achievement rate
471.358	10978.29	11449.6	3.20%	10799.98	620.27	10179.71	2.5%

### Reduction Plan

Plan No.	Site No.	year	(1p) Emission Facility Name	Reduction Performance	Reduction Rate(%)	Investment Performance (₹)	Expected Lifespan (years)
1	Ksh	2023	LED Retrofit in Fabrication Area Activity Type: Energy Efficiency Reduction Effect: 0.16%	18	0.16	1,20,000	15
2	Ksh	2024	Electric Forklifts (15 Nos) Activity Type: Electrification Reduction Effect: 3.24%	371	3.24	1,20,000	10
3	Ksh	2025	Purchase of 1 REC Certificate from Green certified company as required for the year 2025 & PRESS SHOP Motors shut off during idle Activity Type: Carbon credits-Certification Reduction Effect: 2%	2750	2	1,80,097.5	1
4	Ksh	2026	Purchase of 1 REC Certificate from Green certified company as required for the year 2026 & welding gun tip	2000	2	1,50,000	1

			<p>maintenance system</p> <p>Activity Type: Carbon credits- Certification</p> <p>Reduction Effect: 2%</p>				
<b>5</b>	<b>Ksh</b>	<b>2027</b>	<p>Purchase of I REC Certificate from Green certified company as required for the year 2027 &amp; Gas Flow Optimization (MIG Welding)</p> <p>Activity Type: Carbon credits- Certification</p> <p>Reduction Effect: 2%</p>	2500	2	<b>1,75,000</b>	<b>1</b>
<b>6</b>	<b>Ksh</b>	<b>2028</b>	<p>Purchase of I REC Certificate from Green certified company as required for the year 2028 &amp; VDD installation for motors</p> <p>Activity Type: Carbon credits- Certification</p> <p>Reduction Effect: 2%</p>	1500	2	<b>1,25,000</b>	<b>1</b>
<b>7</b>	<b>Ksh</b>	<b>2029</b>	<p>Purchase of I REC Certificate from Green certified company as required for the year 2029 &amp; solar plant of 100kw</p> <p>Activity Type: Carbon credits- Certification</p> <p>Reduction Effect: 2%</p>	2000	2	<b>1,50,000</b>	<b>1</b>
<b>8</b>	<b>Ksh</b>	<b>2030</b>	<p>Replacement of Existing cars with EV cars</p> <p>Activity Type: Few EV Purchase</p> <p>Reduction Effect: 1.5%</p>	2500	1.5	<b>1,750,00</b>	<b>1</b>

## Annual Reduction Plan and Performance

Year	Previous Emissions (tCO <sub>2</sub> e)	Reduction (tCO <sub>2</sub> e)	Reduced Emissions (tCO <sub>2</sub> e)	Reduction Rate (%)
2023	11,467	18	11,449	0.16%
2024	11,449	371	11,078	3.24%
<b>2025</b>	<b>11,078</b>	<b>278.67</b>	<b>10,799.98</b>	<b>2.52%</b>
2026	10,799.98	216	10,583.98	<b>2.00%</b>
2027	10,583.98	211.68	10,372.30	<b>2.00%</b>
2028	10,372.30	207.45	10,164.85	<b>2.00%</b>
2029	10,164.85	203.3	9,961.55	<b>2.00%</b>
2030	9,961.55	199.23	9,762.32	<b>2.00%</b>

## Current Status and Plan for Renewable Energy Use

Current Status of Renewable Energy Use (Direct Use Only)						
No.	Year of establishment	Contract duration	Type	Installation location	Installed capacity	Renewable energy production (kwh/m <sup>2</sup> -yr)

Plan for Renewable Energy Use (Direct Use Only)						
No	Year of implementation	Contract duration	Type	Installation location	Installed capacity	Renewable energy production (kwh/m <sup>2</sup> -yr)
1	2029	25	Renewable	Purchase of 1 REC Certificate from Green certified company as required for the year 2029 & solar plant of 100kw	100kw	100kw

## Overview

Reduction plan No.	Objective and description of activity	Expected schedule	Performance
3	Purchased 2750 IREC's	JAN -DEC 2025	<i>278.67 amount of Total co2eq is reduced</i>

## Details

Reduction facility and technology

### Reduction facility:

### Purchased 2750 IREC's

### Principle:

International Renewable Energy Certificate (I-REC) is a tradable digital certificate certifying that 1 megawatt-hour (MWh) of electricity was generated from renewable sources and added to the power grid

### Reduction effect:

$$\begin{aligned}
 & \text{RECs purchased: } 2,750 \\
 & \text{Emission factor: } 0.7075 \text{ tCO}_2 / \text{MWh} \\
 \Rightarrow & \text{Emission Reduction} = 2,750 \times 0.7075 \\
 & = 1,945.63 \text{ tCO}_2 \text{ (approx)}
 \end{aligned}$$

Process Diagram (Include a schematic for comparison and indicate the location of reduction facility)

Before implementation

**BEFORE I-REC**

**Electricity Source: Grid power**

**Emission Type: Location-based = Market-based (same before IREC)**

**Total Emissions:**

**12,125.34 tCO<sub>2</sub>**

After implementation

**AFTER I-REC (Post Redemption)**

- I-RECs Used: 2,750 MWh
- Emission Reduction: **1,945.63 tCO<sub>2</sub>**

**Results:**

- **Location-based Emissions:** 12,125.34 tCO<sub>2</sub> (*no change*)
- **Market-based Emissions:** **10,179.71 tCO<sub>2</sub>**

Facility photos



This Redemption Statement has been produced for

**KSH AUTOMOTIVE PRIVATE LIMITED**

by

**CLIMERA CARBON PRIVATE LIMITED**

confirming the Redemption of

**2 750.000000**

I-REC Certificates, representing 2 750.000000 MWh of electricity generated from renewable sources

This Statement relates to electricity consumption located at or in

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

in respect of the reporting period

**2025-01-01 to 2025-12-31**

The stated Redemption Purpose is

**Retirement of I-REC certificates against electricity consumption to reduce Scope 2 emissions for the period 1st January 2025 to 31st December 2025.**



**CLIMERA**  
NEW ERA OF CLIMATE ACTION



**QR Code Verification**

Verify the status of this Redemption Statement by scanning the QR code on the left and entering in the Verification Key below

**Verification Key**

**4 2 6 7 4 0 9 1**

<https://api.ev.tenent.app/public/certificates/en/TYSKMwlyOuuq1jw2F5rQ58rCV5553Eq4920UdchpTAPohA25Y8llbqMl33l3qCwWz8>



**GHG Emission Reduction Effects**

No.	GHG emissions before improvement		GHG emissions after improvement (planned)		Expected effect
	GHG type	Annual CO <sub>2</sub> equivalent (tCO <sub>2</sub> e/yr)	GHG type	Annual CO <sub>2</sub> equivalent (tCO <sub>2</sub> e/yr)	GHG reduction amount
1	<i>CO2</i>	12125.34	<i>CO2</i>	10179.71	1945.63
2	<i>CH4</i>	0.17	<i>CH4</i>	0.13	0.04
3	<i>N2O</i>	1.30	<i>N2O</i>	1.10	0.20

## Organizational Boundary (Attach Ownership and Governance Structure Separately)

Emissions categorized by country			
Country	Emissions		
<b>INDIA</b>	<b>SCOPE 1 – 620.27 &amp; SCOPE 2 – 10179.71</b>		
List of all entities or facilities in which the reporting company holds equity, financial control, or operational control.	Equity ownership of the entity	Does the reporting company have financial control?	Does the reporting company have operational control?
		(Yes/No)	(Yes/No)
		(Yes/No)	(Yes/No)
		(Yes/No)	(Yes/No)
		(Yes/No)	(Yes/No)

## Emission Information

Emissions categorized by type	
Scope 1: Direct carbon emissions from owned/controlled operations	Scope 1 emissions
a. Direct emissions from stationary combustion	<b>4.98</b>
b. Direct emissions from mobile combustion	<b>56.97</b>
c. Direct emissions from processes	<b>0</b>
d. Fugitive direct emissions (refrigerants)	<b>558.32</b>
Scope 2: Indirect emissions from purchased electricity, steam, or heat	Scope 2 emissions
a. Indirect emissions from purchased/acquired electricity	<b>10179.71</b>
b. Indirect emissions from purchased/acquired steam	<b>0</b>
c. Indirect emissions from purchased/acquired heat	<b>0</b>

GHG emissions not covered by the Kyoto Protocol (e.g., CFCs, NOx,)

Related ratio performance indicators (e.g., GHG emissions per revenue, reduction % compared to the previous year)

Information on excluded emissions from baseline year recalculation (e.g., process changes, efficiency improvements, plant closures, and acquisitions)

GHG emissions data for all years between the baseline year and reporting year (including detailed information and reasons for recalculation, if applicable)

**Additional Information**

Information on all internal documents addressing GHG-related responsibilities and roles

Details on inventory quality (e.g., causes and magnitude of uncertainties in emission estimates) and overview of internal documents implemented to improve inventory quality

Status of other environmental certifications (e.g., ISO 14001, etc.)

**[Attachment 2] Corporate Vehicle Summary**

No.	Vehicle number	Fuel type (gasoline, diesel)	Ownership type (rental, lease, purchase)	2025 year Usage (liters)
1	AP39FA8915	Diesel	owned	1,646
2	AP40AD5410	Diesel	owned	2,894
3	AP39NK7368	Diesel	owned	5,190
4	AP39RV2382	Petrol	owned	3,381
5	AP39RJ9172	Diesel	owned	2,514
6	AP39MS5977	Diesel	owned	4,017

