

# CORPORATE GREENHOUSE GASES VERIFICATION OPINION

## SHINJIN FASTENERS CO., LTD.

(31246) 87-2, Yongwon 4-gil, Seongnam-myeon, Dongnam-gu,  
Cheonan-si, Chungcheongnam-do, Republic of Korea

Intertek Korea has verified SHINJIN FASTENERS CO., LTD.'s direct(Scope1), indirect(Scope2) greenhouse gas emissions and confirms that the reported GHG emissions have been appropriately calculated in compliance with the relevant regulations and standards.

Reporting period : Year 2024 (Jan ~ Dec)

Scope	GHG Emission(tCO2 eq)
	2024
● Direct Emission (Scope 1)	175
● Indirect Emission (Scope 2)	1,179
Total	1,354

This verification was conducted in accordance with 14064-3:2019 and in compliance with the requirements of ISO 14064-1:2018, and WRI/WBCSD Greenhouse Gas Protocol.

For details regarding the verification, you may refer to the corresponding this verification opinion.

Verification Opinion Number:  
ITRKSKGHGV05157

Verification Opinion Issue Date:  
29 SEP 2025



A handwritten signature in black ink, appearing to read "Jack Kim".

**JACK KIM**  
General Manager

Intertek Testing Services Korea Ltd.  
- 7, Ahasan-ro 5-gil, Seongdong-gu  
Seoul, Korea (04793)



## Introduction

SHINJIN FASTENERS CO., LTD. requested independent verification of “Greenhouse gas emissions from two domestic and one international business sites for the reporting period 2024.01.01 to 2024.12.31” from Intertek Testing Services Korea Ltd. Intertek Testing Services Korea Ltd. conducted a third-party result verification of greenhouse gas emissions from SHINJIN FASTENERS CO., LTD.'s two domestic and one international business sites. This verification is based on the scope, purpose, and standard of application agreed on 9 September 2025.

## Objective

The purpose of this verification is to determine whether the information, data, and results included in the greenhouse gas emissions conducted by SHINJIN FASTENERS CO., LTD. are appropriate based on objective evidence. This verification confirms that SHINJIN FASTENERS CO., LTD.'s reported direct and indirect greenhouse gas emissions have received limited verification for Scope 1 & Scope 2 emissions in accordance with the requirements of ISO 14064-3:2019.

## Standard and Scope

This document is a verification opinion on the greenhouse gas emissions reported at the SHINJIN FASTENERS CO., LTD. business site from January 2024 to December 2024.

- Verification standards
  - Verification guideline for the management of GHG Emissions Trading Scheme provided by Ministry of Environment, Republic of Korea
  - ISO 14064-1:2018
  - ISO 14064-3:2019
  - 2006 IPCC Guidelines for National Greenhouse Gas Protocol

The scope of the verification included assessment of accuracy and reliability of the greenhouse gas emissions of SHINJIN FASTENERS CO., LTD.

- Target locations of the verification

It has been confirmed that the Scope 1 and Scope 2 emissions were calculated to include two domestic sites and one overseas site under the organization’s management and control.

Domestic business site 1	Cheonan	87-2, Yongwon 4-gil, Seongnam-myeon, Dongnam-gu, Cheonan-si, Chungcheongnam-do, Republic of Korea
Domestic business site 2	Siheung	112-14, Maehwasandan-ro, Siheung-si, Gyeonggi-do, Republic of Korea
Overseas business site 1	USA	1 Overlook Point, Suite 677, Lincolnshire, IL 60069

- Target emissions sources

**Scope 1:**

[GHG gas emission due to fuel combustion used for air conditioning of heating and cooling at SHINJIN FASTENERS CO., LTD.]

**Scope 2:**

[GHG gas emissions due to the use of electricity supplied from outside for the operation of SHINJIN FASTENERS CO., LTD.]

## Level of assurance and materiality

- Level of assurance : Limited assurance
- Materiality threshold:  $\pm 5\%$  for the total sum

This verification is considered materially misleading if the value of the error more than 5% of the total inventory for the subject matter of the verification.

*Note: Materiality refers to the concept that individual or aggregate errors, omissions, or misstatements can impact your carbon footprint and inform your decision-making. Materiality is therefore used to identify information that, if omitted or incorrectly stated, could result in an overall incorrect estimate of the footprint and ensure that such material inconsistencies are absent or minimized.*

## Methods of verification

This verification is conducted in accordance with the verification procedures of Intertek Testing Services Korea Ltd. The following activities were conducted as part of evidence collection.

- Agreement on verification level, objectives, criteria, organizational scope and materiality level;
- Review processes and procedures to establish organizational boundaries to ensure relevance of emissions reporting across direct and indirect sources;
- Ensure that secondary data is referenced from reliable or credible sources;
- Review of adequacy and suitability of greenhouse gas calculation procedures, including calorific value and emission coefficient, etc. applied to activity data and emission calculations;
- Interviews with employees of the target company or subsidiary within the scope of verification;
- Review data and information systems and methodologies for the collection, aggregation, analysis, and review of information used to determine greenhouse gas emissions;
- Random sample testing of evidence and data values to determine greenhouse gas emissions;
- Strategic analysis and risk assessment based on submitted Greenhouse Gas Report.

## Limitations of Verification

This verification has inherent limitations that may arise in the process of applying the verification standards and methods to the emissions data shown in the SHINJIN FASTENERS CO., LTD. Greenhouse Gas Report, and there may be errors, omissions, or false entries that are not found.

## Qualification and Independence

Intertek Testing Services Korea Ltd. implements and maintains a comprehensive management system that satisfies the accreditation requirements of ISO 14065:2020 and ISO/IEC 17029:2019. Additionally, we comply with the Code of Ethics for Certified Public Accountants of the International Ethics Standards Board for Accountants (IESBA).

Intertek Testing Services Korea, Ltd. ensures that appropriately qualified verification examiners are selected based on qualifications, training, and experience. The results of all verification and certification assessments are reviewed internally by management to ensure that the approach applied is rigorous and transparent.

Intertek Testing Services Korea, Ltd. has conducted only this verification review for greenhouse gas emissions of two domestic and one international business sites of SHINJIN FASTENERS CO., LTD., so it does not violate independence and fairness.

## Conclusions

As a result of the verification based on Intertek Testing Services Korea Ltd.'s approach, SHINJIN FASTENERS CO., LTD.'s two domestic and one international business sites greenhouse gas emissions were presented fairly and factually in all material respects and in accordance with the standards and standards applied and no errors, omissions, or false facts were identified within the assurance level.


No significant errors have been detected in the calculation of emissions during the verification process, and the related activity materials and evidence have been appropriately managed to ensure accurate calculation. Therefore, the verification team presents a final 'appropriate' opinion.

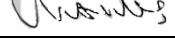
This opinion is based on verification at a limited assurance level and was derived based on the verification team's professional judgment.

Intertek Testing Services Korea Ltd. does not assume any obligation or responsibility to any other person or organization. SHINJIN FASTENERS CO., LTD. is responsible for collecting, compiling, and presenting analysis of all data and information related to carbon footprint emissions and maintaining effective internal controls. If this verification opinion is disclosed, it must be disclosed in complete form.

**This verification opinion is valid only for the scope of application, verification purpose, explanation, and standards specified in the verification opinion.**

On behalf of Intertek

**Reviewer** : Sebastian Bae   
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**Lead Verifier** : Charles Kang   
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