

Statement no: xxxx

# Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in year **2023** of  
**NANPAO ADVANCED MATERIALS VIETNAM CO., LTD**

Phuc Son Industrial Park, Ninh Phuc Commune, Ninh Binh City,  
Ninh Binh Province, Vietnam

has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of

## ISO 14064-1:2018

For the following activities

Category 1: Direct GHG emissions: 84.96 tons of CO<sub>2</sub>e  
Category 2: Indirect GHG emissions from imported energy: 224.90 tons of CO<sub>2</sub>e  
Category 3: Indirect GHG emissions from transportation: 301.19 tons of CO<sub>2</sub>e  
Category 4: Indirect GHG emissions from products used by an organization:  
16,342.23 tons of CO<sub>2</sub>e  
Total Emissions Quantified: 16,953.28 tons of CO<sub>2</sub>e

Authorised by

**Tran Nguyen**

SGS Vietnam Ltd – Knowledge  
198 Nguyen Thi Minh Khai St, District 3, Ho Chi Minh City, Vietnam  
t (84-28) 3935.19.20 f (84-28) 3935.19.21 [www.sgs.vn](http://www.sgs.vn)

Page 1 of 4



## Greenhouse Gas Verification Statement

SGS has been contracted by NANPAO ADVANCED MATERIALS VIETNAM CO., LTD  
(hereinafter referred to as "CLIENT for the verification of direct and indirect  
Greenhouse Gas in accordance with

### ISO 14064-3:2019

as provided by NANPAO ADVANCED MATERIALS VIETNAM CO., LTD (hereinafter  
referred to as "RESPONSIBLE PARTY, in the Greenhouse Gas (GHG) Statement in  
the form of GHG Report covering GHG emissions of the period  
1<sup>st</sup> Jan 2023 to 31<sup>st</sup> Dec 2023 (hereinafter referred to as "REPORT PERIOD")

### Roles and responsibilities

The management of RESPONSIBLE PARTY is responsible for the organization's  
GHG information system, the development and maintenance of records and reporting  
procedures in accordance with that system, including the calculation and  
determination of GHG emissions information and the reported GHG emissions.

It is SGS's responsibility to express an independent GHG verification opinion on the  
GHG emissions as provided in the GHG Statement for the period 1<sup>st</sup> Jan 2023 to 31<sup>st</sup>  
Dec 2023.

SGS conducted a third party verification of the provided GHG Statement against the  
principles of ISO 14064-1:2018 and ISO 14064-3:2019 in the period  
10, 11 & 12 Jun. 2024. The verification was based on the verification scope,  
objectives and criteria as agreed between CLIENT and SGS on 12 Jun. 2024.

### Level of Assurance

The level of assurance agreed is that of Reasonable assurance.

### Scope

CLIENT has commissioned an independent verification by SGS in according to ISO  
14064-3:2019 to assure the reported GHG emissions of RESPONSIBLE PARTY in  
conformance with ISO 14064-1:2018 principles and requirements within the scope of  
the verification as outlined below. The data and information supporting the GHG  
statement historical in nature.

This engagement covers verification of emission from anthropogenic sources of  
greenhouse gases included within the organisation's boundary and is based on ISO  
14064-3:2019.



## Greenhouse Gas Verification Statement

- The organizational boundary was established following Operational control approach.
- Organization name: NANPAO ADVANCED MATERIALS VIETNAM CO., LTD
- Location/boundary: Phuc Son Industrial Park, Ninh Phuc Commune, Ninh Binh City, Ninh Binh Province, Vietnam.
- Physical infrastructure, activities, technologies and processes of the organization: Manufacturing of industrial Glues
- GHG sources, sinks and/or reservoirs included: Sources as presented in the GHG inventory report provided by CLIENT.
  - Types of GHGs included: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>
- GHG information for the following period was verified: 1<sup>st</sup> Jan 2023 to 31<sup>st</sup> Dec 2023.
  - GWP adopted: IPCC AR6 Assessment Report
  - Intended user of the verification statement: Private use.

### Objective

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the GHG emissions are as declared by the organisation's GHG Statement
- The data reported are accurate, complete, consistent, transparent, and free of material error or omission.

### Criteria

Criteria against which the verification assessment is undertaken are the principles and requirement of ISO 14064-3:2019.

### Materiality

The materiality required of the verification was considered by SGS to 5%, based on the needs of the intended user of the GHG Statement.

### Verification approach

SGS's approach is risk-base, drawing on ad understanding of the risks associated with reporting GHG emissions information and the controls in place to mitigate these.

Our examination includes assessment of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions.

We plan and perform our work to obtain the information, explanations, and evidence that we considered necessary to provide a reasonable level of assurance that the GHG emissions for the REPORT PERIOD are fairly stated.

We conduct our verification regarding the GHG statement of GHG Report of the RESPONSIBLE





## Greenhouse Gas Verification Statement

PARTY which includes assessment of GHG information system and reporting plan/protocol. This assessment includes the collection of evidence supporting the reported data, and checking whether the provisions of the protocol reference, are consistently and appropriately applied.

### Verification opinion conclusion

The RESPONSIBILITY PARTY provided the GHG statement based on the requirement of ISO 14064-1:2018 that total emission 16,953.28 tons of CO<sub>2</sub>e in the Organization boundary for the REPORT PERIOD  
The verification opinion as bellow is issued by SGS after an independent verification for RESPONSIBILITY PARTY's GHG statement base on agreed Renamable assurance:

☒ Unmodified

The GHG statement submitted by RESPONSIBILITY PARTY is prepared in accordance with ISO 14064-1:2018 on GHG quantification and reporting, is a fair representation materially, the GHG data and information in statement are explicit and supported by adequacy and appropriate evidence.

☐ Modified

The GHG statement submitted by RESPONSIBILITY PARTY has no material misstatement, however, has some deficiencies which will prevent the issuance of unmodified verification opinion.

☐ Adverse opinion

The GHG statement submitted by RESPONSIBLE PARTY:

- Has no material misstatement or
- There is insufficient or inappropriate evidence to support an unmodified or modified opinion.

☐ disclaiming the issuance of an opinion

It is unable to obtain sufficient and appropriate objective evidence to form an opinion as to whether the GHG statement submitted is presented fairly in accordance with ISO 14064-1:2018.

This statement shall be interpreted with the GHG Statement of GHG Report of the RESPONSIBLE PARTY as a whole.

Note: This Statement is issued, on behalf of Client, by SGS VN CO., LTD ("SGS") under its General Conditions for Green Gas Verification Services. The findings recorded hereon are based upon an audit performed by SGS. A full copy of this statement, the findings and the supporting GHG Statement may be consulted from RESPONSIBLE PARTY. This Statement does not relieve Client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its Client.

The verification statement of Green House Gases is conducted in English. Any translatoin in differences, the English version is prevail.

Page 4 of 4

This Statement is not valid without the full Greenhouse Gas Statement Annex is listed on subsequent pages.



**PHÓ TỔNG GIÁM ĐỐC  
FANG SHIH HAO**