

Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in year 2023 of
Rhenus Air & Ocean Management GmbH & Co. KG

Head office: Lise-Meitner-Straße 2 40721 Hilden, Germany

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

ISO 14064-1:2018

Direct emissions (Category 1)

8,243 tonnes of CO₂e

Energy indirect emissions (Category 2)

4,241 tonnes of CO₂e

Indirect emissions (Category 3, 4, 5, 6)

866,977 tonnes of CO₂e

Direct emissions and indirect emissions

879,461 tonnes of CO₂e

Authorized by



Montree Tangtermsirikul

General Manager

Date: 02 September 2024

SGS 14064-1
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The emissions of energy by location-based and market-based approach as below :

Operational Boundaries	GHG Emissions
Direct emissions (Category 1)	8,243
Energy indirect emissions (Category 2) – Location base	4,241
Indirect emissions (Category 3, 4, 5, 6)	866,977
Total Direct emissions and indirect emissions	<u>879,461</u>

Unit: tonnes of CO₂e

SGS has been contracted by Rhenus Air & Ocean Management GmbH & Co. KG, Head office: Lise-Meitner-Straße 2 40721 Hilden, Germany., for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2019

as provided by Rhenus Air & Ocean Management GmbH & Co. KG., Head office: Lise-Meitner-Straße 2 40721 Hilden, Germany., in the GHG Assertion in the form of GHG report covering GHG emissions of the period 01 January 2023 to 31 December 2023.

Roles and responsibilities

The management of Rhenus Air & Ocean Management GmbH & Co. KG. 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 Assertion for the period 01 January 2023 to 31 December 2023.

SGS conducted a third-party verification of the provided GHG assertion against the principles of ISO 14064-1:2018, ISO 14064-3:2019 in the period 01 January 2023 to 31 December 2023.

The verification was based on the verification scope, objectives and criteria as agreed between Rhenus Air & Ocean Management GmbH & Co. KG. and SGS on 09 May 2024.

Level of Assurance

The level of assurance agreed is that of **Limited** assurance.

Scope

Rhenus Air & Ocean Management GmbH & Co. KG. has commissioned an independent verification by SGS Thailand of reported GHG emissions of Rhenus Air & Ocean Management GmbH & Co. KG. arising from Operation of the Air & Ocean business unit under Rhenus Group, to establish conformance with ISO 14064:2018 principles within the scope of the verification as outlined below.

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

- The organizational boundary was established following operational control approach.
- Title or description activities: GHG verification for Rhenus Air & Ocean Management GmbH & Co. KG. in year 2023.
- Location/boundary of the activities:
 - Operation of the Air & Ocean business unit under Rhenus Group in detail

India	Indonesia	Russia
Argentina	Ireland	Serbia
Australia	Italy	Singapore
Austria	Japan	Slovenia
Belgium	Kazakhstan	South Africa
Brazil	Macau	South Korea
Cambodia	Malaysia	Spain
Canada	Mexico	Switzerland
Chile	Myanmar	Taiwan
China	Namibia	Thailand
Croatia	Netherlands	Turkey
Cyprus	New Zealand	United Arab Emirates
Czech	Norway	Ukraine
Denmark	Philippines	United Kingdom
France	Poland	United States of America
Germany	Portugal	Uzbekistan
Hongkong	Romania	Vietnam

- Physical infrastructure, activities, technologies and processes of the organization:
 - Operation of the Air & Ocean business unit under Rhenus Group
- GHG sources, sinks and/or reservoirs included: Sources as presented in the inventory spreadsheet provided by Rhenus Air & Ocean Management GmbH & Co. KG.
- Types of GHGs included: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆.
- The IPCC AR5 GWP values are applied in this inventory.
- Electricity emission factor: Base on location.
- Directed actions: NA

- GHG information for the following period was verified: 01 January 2023 to 31 December 2023
- The version of inventory sheet: Rhenus Air & Ocean - 2023 Emissions. Effective date: August 15, 2024.
- The version of GHG assertion: Rhenus Air & Ocean Greenhouse Gas Report 2023. Effective August 26, 2024.
- Intended user of the verification statement: Private

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 organization's GHG assertion
- 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 of ISO 14064-1:2018.

Materiality

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

Conclusion

Rhenus Air & Ocean Management GmbH & Co. KG. provided the GHG assertion based on the requirements of ISO14064-1: 2018. The GHG information for the period 01 January 2023 to 31 December 2023 disclosing emissions of 190,823.68 metric tonnes of CO₂ equivalent are verified by SGS to a **Limited level of assurance**, consistent with the agreed verification scope, objectives and criteria.

The emission of each site is described as below:

Unit: tonnes of CO₂e

Operational Boundaries		GHG Emissions	
Category	Description	Location-based	
Direct emissions	This direct GHG emissions are the sum of owned or controlled by the organization within the organization	8,243	
Indirect emissions	Imported energy	Imported Electricity	3,663
		Imported Energy	578
	Transportation	Upstream transport and distribution for goods	858,485
		Business Travel	3,892
	Products used by organization	Purchased goods	4,360
		Disposal of solid and liquid waste	240
Total direct emissions and indirect emissions		879,461	

SGS's approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions information and the controls in place to mitigate these. Our examination includes assessment, on a test basis, of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions.

We planned and performed our work to obtain the information, explanations and evidence that we considered necessary to provide a **limited** that the GHG emissions for the period 01 January 2023 to 31 December 2023 are fairly stated.

We conducted our verification with regard to the GHG assertion of Rhenus Air & Ocean Management GmbH & Co. KG. which included assessment of GHG information system, monitoring and reporting plan/protocol. This assessment included the collection of evidence supporting the reported data, and checking whether the provisions of the protocol reference, were consistently and appropriately applied.

In SGS's opinion, the presented GHG assertion

- is materially correct and is a fair representation of the GHG data and information, and
- is prepared in accordance with ISO14064-1:2018 on GHG quantification, monitoring and reporting.

Confidentiality

The reports and attachments may contain relevantly confidential information of the clients. In addition to being submitted as governmental application or certification documents, the reports and attachments are not allowed to be edited, duplicated, or published without the clients' agreement in written form.

Avoidance of Conflict of Interest

The reports and attachments are completely complied with the standards and procedures that related authorities established. The reports and attachments of auditing process are conduct with fairness and honesty. If not, the auditing institution not only has to bear the relevant compensation duties, but also to receive legal charge and punishment.

This statement shall be interpreted with the GHG assertion of Rhenus Air & Ocean Management GmbH & Co. KG. as a whole.

Verifier Group

Above statements coincide with auditing process with fairness and impartiality and aim at the emission of year 2023 of clients.

Lead Verifier:

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Verifier:

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Note: This statement is issued, on behalf of Client, by SGS (Thailand) Ltd. ("SGS") under its General Conditions for Greenhouse Gas Verification Services available at <https://www.sgs.com/en/terms-and-conditions>. The findings recorded here on are based upon an verification performed by SGS. A full copy of this statement, the findings and the supporting GHG Assertion may be consulted at Rhenus Air & Ocean Management GmbH & Co. KG, Head office: Lise-Meitner-Straße 2 40721 Hilden, Germany., This statement does not relieve client from compliance with any bylaws, federal, national or regional acts and regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its client.