

Verification Opinion



21 July 2023
Opinion No : SGS23/025

Mr. Yasuhiko Hashimoto
President and Chief Executive Officer
Kawasaki Heavy Industries, Ltd.
Kobe Crystal Tower, 1-3, Higashikawasaki-cho
1-chome, Chuo-ku, Kobe, Hyogo, Japan

Objective

SGS Japan Inc. (hereinafter referred to as "SGS") was commissioned by Kawasaki Heavy Industries, Ltd. (hereinafter referred to as "the Organization") to conduct independent verification based on Criteria of Verification (ISO14064-3: 2019 and the SGS verification protocol) regarding the data prepared by the Organization on the scope of verification (hereinafter referred to as "the Statement"). The objective of this verification is to confirm that the Statement in the Organization's applicable scope has been correctly calculated and reported in the Statement in conformance with the criteria, and to express our views as a third party. The Organization is responsible for the preparation and fair presentation of the Statement.

Scope

The scope of verification is Scope 1 and 2 emissions, energy consumption, and Scope 3 emissions.
The period subject to report is from 1 April 2022 to 31 March 2023.
Refer to the attached sheet for the detailed scope of verification.

Procedure of Verification

The Statement was verified in accordance with Criteria of Verification, and the following processes were implemented at a limited level of assurance:

- Verification of the calculation system: Interviews on the measurement, tabulation, calculation, and reporting methods employed by the Organization as well as review of related documents and records
- Verification of the Statement: On-site verification and voucher review conducted at Akashi Works and NIPPI Corporation. Atsugi Plant and analytical procedures and interviews for the other sites in the scope of verification carried out at the Kobe head office

The criteria for this review are based on the Act on the Rational Use of Energy and the calculation rules and procedures of Greenhouse Gas Emissions specified by the Organizations, Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 2.5 and the Database of emissions unit values on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 3.3.

Conclusion

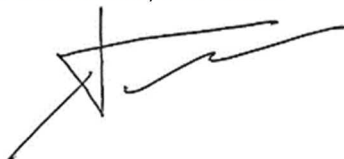
Within the scope of the verification activities employing the methodologies mentioned above, nothing has come to our attention that caused us to believe that the Organization's Statement was not calculated and reported in conformance with the criteria.

SGS Japan Inc. affirms our independence from the Organization, being free from bias and conflicts of interest with the Organization.

For and on behalf of SGS Japan Inc

Yokohama business Park North Square I
134, Godo-cho, Hodogaya-ku, Yokohama
Knowledge
Management Committee Member
Head of Certification/Accreditation

Yuji Takeuchi



1 / 2

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings as the time of its intervention only and within the limits of Client's instruction, if any. The Company's sole responsibility is to Client and this document does not exonerate parties to transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attached file

21 July 2023

Opinion No : SGS23/025

The details of the scope of verification

The Scope	The Boundary	The Statement
1 The performance data Scope 1 and 2 include energy related greenhouse gas emissions Energy consumption ※Excluding the vehicles which run outside of the sites.	The consolidated companies of The Organization (The Organization: 28 sites, Domestic group: 30 sites, Overseas group: 28 sites)	Scope 1: 136,736 t- CO ₂ Scope 2: 246,083 t- CO ₂
2 Scope 3 (Category 1)	Main raw materials purchased by the Organization, Kawasaki Railcar Manufacturing Co., Ltd. and Kawasaki Motors, Ltd.	2,791,420 t-CO ₂
3 Scope 3 (Category 11)	Products sold by the Organization, Kawasaki Railcar Manufacturing Co., Ltd., Kawasaki Motors, Ltd., EARTHTECHNICA CO., LTD. and Kawasaki Thermal Engineering Co., Ltd.	28,937,027 t-CO ₂