

[Press Release Materials]

MITSUI-SOKO HOLDINGS Co., Ltd.

Obtained Third-Party Validation for Calculation of CO₂ Emissions

From DNV Business Assurance Japan, a third-party assessment agency

The MITSUI-SOKO Group is pleased to announce that we have received validation based on ISO 14064-3^{*1} from a third-party assessment agency (DNV Business Assurance Japan K.K.) for our calculation method of CO₂ emissions, one of the options provided by MITSUI-SOKO SustainaLink^{*2}, a logistics sustainability support service.

This validated calculation method visualizes the amount of CO₂ emissions generated through customers' logistics operations and covers global transportation, including those of Japan. The calculation results are based on international guidelines and other regulations.

The Group continues to support our customers in achieving supply chain sustainability with our solutions tailored to their specific issues, such as making suggestions to reduce emissions by streamlining logistics, in addition to visualizing the amount of CO₂ emissions from their distribution activities.



Our Validation Opinion received this time is attached on next page

End

*1: ISO 14064-3: Specification with guidance established by the International Organization for Standardization (ISO) that sets forth rules for validation and verification of greenhouse gas (GHG) statements.

*2: MITSUI-SOKO SustainaLink is a service provided by the MITSUI-SOKO Group to help customers realize supply chain sustainability through logistics. We support our customers in building sustainable logistics systems by visualizing and improving logistics risks from the perspective of the environment, labor force, and disasters (BCP: business continuity planning).

Click [here](#) to access the MITSUI-SOKO SustainaLink dedicated website.

For inquiries regarding this matter:

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VALIDATION OPINION

Project ID:
PRJN-340455-2022-AST-JPN

Validation date:
26 April 2022

MITSUI-SOKO HOLDINGS Co., Ltd.

DNV Business Assurance Japan K.K. (DNV) was commissioned by MITSUI-SOKO HOLDINGS Co., Ltd. (Company) to provide a limited assurance third-party validation of the Company's SustainaLink CO₂ emissions calculation service (Calculation Service) in accordance with DNV's procedures based upon the requirements of ISO 14064-3:2019.

The purpose of this validation by DNV is to provide an independent opinion as to whether the calculation methods and procedures for the Calculation Service are properly designed in accordance with the following widely recognized guidelines in Japan and internationally.

- Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain, Ver.2.3 (Ministry of the Environment, Ministry of Economy, Trade and Industry, Japan, 2017)
- Joint Guidelines on the Method for Calculating CO₂ Emissions by the Logistics Sector Ver.3.1 (Ministry of Economy, Trade and Industry, Ministry of Land, Infrastructure and Transport, Japan, 2016)
- Global Logistics Emissions Council (GLEC) Framework for Logistics Emissions Accounting and Reporting Version 2.0 (Smart Freight Centre, 2019)
- GUIDE FOR GREENHOUSE GAS EMISSIONS ACCOUNTING FOR LOGISTIC SITES Version: 1.0 (Fraunhofer, 2019)

The scope of the validation covers the operational procedures for calculating CO₂ emissions and the CO₂ calculation tool related to the Calculation Service. DNV performed the following procedures in this validation using a risk-based approach.

- Document review of relevant materials
- Interviews with key persons at the head office
- Review of calculation methods and procedures including the application of emission factors
- Review of calculation tools by recalculation

In our opinion, based on the procedures performed by Company and the evidence obtained by Company, nothing has come to our attention that causes us to believe that the Calculation Service is not fairly stated, in all material respects, in accordance with the calculating and reporting standards adopted by Company.

Place and date: Kobe, Japan, 26 April 2022

DNV BUSINESS ASSURANCE JAPAN K.K.



Tsuyoshi Katori
Approved Verifier



Koichiro Tanabe
Approved Verifier, Technical Reviewer



Naoki Maeda
Managing Director

Scope of calculation methods in validation

1. Transport Calculations

		Transport Mode					
Fuel Method	Domestic	Truck,Trailer	Air	Container Vessel	Rail	Inland Waterway	Ro-Ro Vessel
	International	Truck,Trailer	Air	Container Vessel	Rail	Inland Waterway	Ro-Ro Vessel
Fuel Consumption Method	Domestic	Truck,Trailer	—	—	—	—	—
Improved Tonne-kilometer Method	Domestic	Truck,Trailer	—	—	—	—	—
Conventional Tonne-kilometer Method	Domestic	Truck,Trailer	Air	Container Vessel	Rail	Inland Waterway	Ro-Ro Vessel
Tonne-kilometer Method	International	Truck,Trailer	Air	Container Vessel	Rail	Inland Waterway	Ro-Ro Vessel

2. Logistics Site Calculations

Domestic : CO₂ emissions from storage, packaging, cargo handling, distribution processing, etc. at logistics sites such as distribution centers, warehouses, factory handling sites, store handling sites, in Japan.

International : CO₂ emissions from cargo handling and storage at logistics site bases outside Japan

3. CO₂ Emission Factors

Domestic : Emission factors database for calculating greenhouse gas emissions of the organization throughout the supply chain Ver.3.1 (Ministry of the Environment, Japan, 2021)
CO₂ emissions in the transportation sector (Ministry of Land, Infrastructure and Transport, Japan, 2021)

International : Global Logistics Emissions Council (GLEC) Framework for Logistics Emissions Accounting and Reporting Version 2.0 (Smart Freight Centre, 2019)
Emission Factors from Cross-Sector Tools (GHG Protocol, 2017)