



# Greenhouse gas emissions Verification Statement

18 July 2023

## YAMATO HOLDINGS CO., LTD.

Japan Management Association  
GHG Certification Center  
Senior Executive: Masahiro Hirakawa



### 1. Objective and Scope

Japan Management Association GHG Certification Center (JMACC) was commissioned by YAMATO HOLDINGS CO., LTD. (hereinafter, referred to as “the Organization”) to conduct independent verification on a limited level of assurance. The scope of verification is the following greenhouse gas (GHG) emissions of the organizations<sup>※1</sup> (hereinafter, referred to as “Organizational boundary”) within its fiscal year 2022 Monitoring Report (hereinafter, referred to as “the Report”) from 1/April/2022 to 31/March/2023.

1) SCOPE 1 GHG emissions;

The following GHG emissions at the Organizational boundary

- Direct CO<sub>2</sub> emissions by using fuels
- Direct CO<sub>2</sub> emissions by using dry ice
- Direct Methane, Nitrous oxide emissions (combustion in facilities and machinery with using fuel)
- Direct Sulfur hexafluoride (SF<sub>6</sub>) emissions (use of electrical equipment such as transformers)
- Direct Hydrofluorocarbon emissions

2) SCOPE 2 GHG emissions;

Indirect CO<sub>2</sub> emissions at the Organizational boundary by using electricity and heat

3) SCOPE 3 GHG emissions;

CO<sub>2</sub> emissions at the category 1, 2, 3, 5, 6, 7, 11, and 12 of SCOPE 3<sup>※2</sup> of the Organization’s activities

The objective of this verification is to confirm that the GHG emissions in the Organization’s applicable scope have been correctly calculated and reported in line with the criteria of the monitoring procedure<sup>※3</sup>, and to express our views as a third party. The Organization’s responsibility is to make the Report and report the Monitoring data, and JMACC’s responsibility is to express our views on the Monitoring data of the Report as a third party.

### 2. Procedure of Verification

The Report was verified in accordance with requirement of ISO14064-3:2019 (Greenhouse gases Part 3: Specification with guidance for the verification and validation of greenhouse gas statements), and following processes were implemented at limited level of assurance:

- Confirmation regarding to the information to decide the GHG emissions in the Report, monitoring procedure, monitoring system, and related documents
- Interviews with person in charge of making the Report
- Sampling the evidence for confirmation of the accuracy of GHG emissions

### 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 Organization's GHG emissions in the Report of fiscal year 2022 were not calculated and reported in conformance with the criteria.

Verified GHG emissions (t-CO <sub>2</sub> e)		Organizational boundary <sup>※1</sup>
SCOPE 1	659,537	YAMATO HOLDINGS CO., LTD.
SCOPE 2 <sup>※5</sup>	200,674	Yamato Group's domestic subsidiary
SCOPE 3 <sup>※6</sup>	2,215,691	See below
<b>Breakdown of SCOPE 3</b>		
Category 1	1,804,232	YAMATO TRANSPORT CO., LTD. <sup>※4</sup>
Category 2	154,002	Yamato Group consolidated company
Category 3	133,474	YAMATO HOLDINGS CO., LTD. Yamato Group's domestic subsidiary
Category 5	2,630	YAMATO TRANSPORT CO., LTD. <sup>※4</sup>
Category 6	5,856	YAMATO HOLDINGS CO., LTD.
Category 7	54,698	YAMATO TRANSPORT CO., LTD. <sup>※4</sup>
Category 11	60,763	YAMATO AUTOWORKS CO., LTD.
Category 12	35	YAMATO TRANSPORT CO., LTD. <sup>※4</sup>

NOTE:

- ※1 : Organizational boundary of each SCOPE and each category are as above table.
- ※2 : Categories 1, 2, 3, 5, 6, 7, 11, and 12 of SCOPE 3
  - **Category 1** (Purchased goods and services) : Products and services purchased by YAMATO TRANSPORT CO., LTD., transport consignment (trunk transport, pickup and delivery transport), and maintenance and repair outsourcing of own vehicles and own distribution bases (excluding entrustments to group companies)
  - **Category 2** (Capital goods) : For capital goods (vehicles, buildings, etc.) purchased / acquired by Yamato Group consolidated companies
  - **Category 3** (Fuel and energy related activities not included in Scope 1 or Scope 2) :
    - Fuels (diesel oil, gasoline, kerosene, A type heavy oil, LPG, city gas), electricity and heat used by YAMATO HOLDINGS CO., LTD., Ltd. and Yamato Group's domestic subsidiary
    - Diesel oil sold by YAMATO AUTOWORKS CO., LTD.
  - **Category 5** (Business wastes) : Waste generated in operations at YAMATO TRANSPORT CO., LTD.
  - **Category 6** (Business travel) : Full-time employee of YAMATO HOLDINGS CO., LTD. and YAMATO TRANSPORT CO., LTD.
  - **Category 7** (Employee commuting) : Full-time employee of YAMATO HOLDINGS CO., LTD. and YAMATO TRANSPORT CO., LTD.
  - **Category 11** (Use of sold products) : Diesel oil sold by YAMATO AUTOWORKS Co., Ltd.
  - **Category 12** (End-of-life treatment of sold products) : Materials for packing (KURONEKO Document case) sold by YAMATO TRANSPORT CO., LTD.

- ※3 : Monitoring procedure : “Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (ver.2.5) ” , “Database of emissions unit values for Greenhouse Gas Emissions Throughout the Supply Chain (ver.3.3) ” and “SCOPE 3 monitoring reporting and procedures” prepared by the organization.
- ※4 : 3,773 bases in FY2022
- ※5 : Emission factor for electricity consumption : Adjusted emission factor under GHG emissions reporting system (Announced by the Ministry of the Environment and the Ministry of Economy, Trade and Industry on 24 Jan. 2023, and partially revised on 26 May 2023)
- ※6 : Amount of SCOPE 3 (t-CO<sub>2</sub>e) are included after decimal of each category.