



# Greenhouse gas emissions Verification Statement

10 March 2023

## T. HASEGAWA CO., LTD.

Japan Management Association  
GHG Certification Center  
Senior Executive: Masahiro Hirakawa



### 1. Objective and Scope of Verification

Japan Management Association GHG Certification Center (JMACC) was commissioned by T. HASEGAWA 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 Organizational boundary<sup>\*1</sup> within its Monitoring Report (hereinafter, referred to as “the Report”) from 1/October/2021 to 30/September/2022.

- 1) SCOPE 1 GHG emissions;  
Direct CO<sub>2</sub> emissions from the Organizational boundary by using City gas, LPG and A type heavy oil
- 2) SCOPE 2 GHG emissions;  
Indirect CO<sub>2</sub> emissions from the Organizational boundary by using electricity
- 3) SCOPE 3 GHG emissions;  
CO<sub>2</sub> emissions from the category 1, 2, 3, 4, 5, 6, 7 and 12 of SCOPE 3<sup>\*2</sup> of the Organization

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. Organization’s responsibility is to calculate and report the GHG emissions and JMACC’s responsibility is to express our views as a third party.

### 2. Procedure of Verification

The Report was verified in accordance with the requirements of ISO14064-3:2019 (Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements), and following processes were conducted.

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

### 3. Conclusion of Verification

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 from 1/October/2021 to 30/September/2022 were not calculated and reported in conformance with the criteria.

Verified GHG emissions (t-CO <sub>2</sub> e)			
	T. HASEGAWA CO., LTD.	T. HASEGAWA BUSINESS SERVICE CO., LTD.	Domestic consolidated**5
<b>SCOPE 1</b>	<b>6,873</b>	<b>1,506</b>	<b>8,379</b>
<b>SCOPE 2**4</b>	<b>7,792</b>	<b>1,089</b>	<b>8,881</b>
<b>SCOPE 3**5</b>	<b>135,029</b>	<b>1,664</b>	<b>136,693</b>
Breakdown of SCOPE 3			
Category 1	124,296	501	124,796
Category 2	3,527	0	3,527
Category 3	3,027	409	3,436
Category 4	1,801	543	2,344
Category 5	846	122	968
Category 6	585	11	596
Category 7	888	75	962
Category 12	60	3	63

**NOTE:**

※1 : Organizational boundary : T. HASEGAWA Group Domestic consolidated (Total 8 sites)

- T. HASEGAWA CO., LTD. : Head Office (including Kajicho Building and KYY Building), Osaka Branch, Nagoya Sales Office, Sapporo Sales Office, R&D Center, Fukaya Facility, Itakura Facility
- T. HASEGAWA BUSINESS SERVICE CO., LTD. : Fine Foods Facility

※2 : Categories of SCOPE 3 are 1, 2, 3, 4, 5, 6, 7 and 12

- **Category 1** (Purchased goods and services) : Purchased raw materials , sub-materials, products, tap water, industrial water, and major indirect expenses
- **Category 2** (Capital goods) : Tangible fixed assets by capital investment
- **Category 3** (Fuel and energy related activities not included in Scope 1 or Scope 2) : Fuel and electricity consumption at the organizational boundary
- **Category 4** (Transport and delivery (upstream)) :
  - T. HASEGAWA CO., LTD. : Domestic / overseas transportation, Carrying from storage to other storage
  - T. HASEGAWA BUSINESS SERVICE CO., LTD. : Domestic transportation
- **Category 5** (Waste generated in operations) : Industrial waste at the organizational boundary and non-industrial waste at Head Office and R&D Center
- **Category 6** (Business travel) : Full-time employee at the organizational boundary
- **Category 7** (Employee commuting) : Full-time employee at the organizational boundary
- **Category 12** (End-of-life treatment of sold products) : Disposal of packaging materials of sold products

- ※3 : Monitoring procedure of SCOPE 1,2 and 3 : “Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (ver.2.4) ” , “Database of emissions unit values for Greenhouse Gas Emissions Throughout the Supply Chain (ver.3.2) ” and “GHG monitoring procedures” prepared by the organization.
- ※4 : Emission factor for electricity consumption : Adjusted emission factor under GHG emissions reporting system
- ※5 : Amount of GHG emissions (t-CO<sub>2</sub>e) are included after decimal of each GHG emissions (t-CO<sub>2</sub>e).