

Responsible party	Phuong Dong Garment Joint Stock Company		
Address	934 Quang Trung, Thong Tay Hoi Ward, Ho Chi Minh city, Vietnam		
Standard(s):	Customized verification for GHG emission Inventory as organization defined for methodology of quantification and EF reference sources under current situation of organization	Accreditation Body(s): None	
Representative	Ms. Vu My Nhu	Email:	
Reporting Period	1st January 2024 to 31st December 2024		
Site info	Number of staff: about 600	Site involved: 01	No of shift: 01
GHG Emission Results agreed from both sides	Scope 1: Direct GHG emissions	111.494 tons of CO ₂ e	
	Scope 2: Indirect GHG emissions from imported energy	859.203 tons of CO ₂ e	
	Total Direct and Indirect GHG Emissions	970.697 tons of CO₂e	
Date(s):	02 MD: 15 Sep 2025 & 01 Oct 2025		
SGS Delivering Office:	SGS Vietnam Ltd – Business Assurance		
Address:	198 Nguyen Thi Minh Khai St, District 3, Ho Chi Minh City, Vietnam		
Verification Team	Tran Quang		
Other Accompanying Person (Names & Roles)	None		



SGS has been contracted by Phuong Dong Garment Joint Stock Company (hereinafter referred to as "Responsible party", 934 Quang Trung, Thong Tay Hoi Ward, Ho Chi Minh city, Vietnam, for the Customized verification of Greenhouse Gas (GHG) inventory in accordance with client defined for methodology of quantification and EF reference sources as provided by Responsible party (based on the Calculation sheets of excel files which is provide by Responsible party) covering GHG emissions of the period 1st January 2024 to 31st December 2024.

This report is confidential, and distribution is limited to the verifying team and attendees, client representative and the SGS office.

1. VERIFICATION OF CRITERIA, OBJECTIVES AND REFERENCE

The purposes of this verification exercise were, by review of methodology of quantification and EF reference sources as provided by responsible party:

- Conformance of methodology of quantification is applied.
- Conformance of EF reference sources are applied.
- Conformance of GWP reference sources are applied.
- Conformance of GHG emissions sources were used and applied by the organization.

2. VERIFICATION SCOPE

This engagement covered verification of emissions from anthropogenic sources of GHGs included within the scope outlined below.

- The organization boundary was established following operation control approach.
- Location/boundary of the activities: 934 Quang Trung, Thong Tay Hoi Ward, Ho Chi Minh city, Vietnam
- Physical infrastructure, activities, technologies and processes of the organization: Manufacturing of Malt
- GHG sources as presented in this report of year 2024 (based on the Calculation sheets of excel files which is provide by responsible party) covering GHG emissions of the period 1st January 2024 to 31st December 2024.
- Agreed verification of both sides: Customized verification for GHG emission Inventory as responsible party defined for methodology of quantification and EF reference sources, without verification of activities data and related records of the period 1st January 2024 to 31st December 2024
- The emission scope of responsible party, which comprises the following emission categories:
 - o Scope 1: Direct GHG emissions
 - Stationary combustion
 - Mobile combustion
 - Fugitive emission
 - o Scope 2: Indirect GHG emissions from imported energy
 - Imported electricity consumption
- The exclusion of emission which comprises the following emission categories: These sources are not relevance, considered significant or material to stakeholders, the context of the inventory, and/or are not feasible or practical to calculate at the current point in time
 - o Scope 3: Indirect GHG emissions
 - C1: Purchased goods and services
 - C2: Capital goods
 - C3: Fuel and energy-related activities
 - C4: Upstream transportation and distribution
 - C5: Waste generated in operations
 - C6: Business travel
 - C7: Employee commuting
 - C8: Upstream leased assets
 - C9: Downstream transportation and distribution

- C10: Processing of sold products
- C11: Use of sold products
- C12: End-of-life treatment of sold products
- C13: Downstream leased assets
- C14: Franchises
- C15: Investments
- Types of GHGs included: CO2, CH4, N2O, NF3, HFCs, PFCs, and SF6
- GWP adopted: IPCC Fifth Assessment Report (AR6th)
- EF source:
 - Scope 1: follow Decision No.2626/QD-BTNMT issued by MONRE Viet Nam.
 - Scope 2: follow Dispatch No.1726/ĐĐKH-PTCĐT issued by MONRE Viet Nam.
- GHG information for the following period was verified: 1st January 2024 to 31st December 2024
- Level of assurance: NA
 - It is only applied when the organization is followed the requirement of ISO 14064-1: 2018 & and verification body is followed requirement of ISO 14064-3: 2019
- Activities data verification: NA
 - It is only applied when both sides signed the agreement of verification following the requirements of ISO 14064-1: 2018 & ISO 14064-3: 2019
- Risk assessment of data and EF verification: NA
 - It is only applied when both sides signed the agreement of verification following the requirements of ISO 14064-1: 2018 & ISO 14064-3: 2019
- Statement issue: NA
 - It is only applied when both sides signed the agreement of verification following the requirements of ISO 14064-1: 2018 & ISO 14064-3: 2019
- Materiality thresholds (without major non-conformance to the agreed criteria in GHG quantification and reporting, and less than 5% error in misclassified GHG emissions of misapplication of calculations): NA
 - It is only applied when both sides signed the agreement of verification following the requirements of ISO 14064-1: 2018 & ISO 14064-3: 2019

3. ROLES AND RESPONSIBILITY

The management of the RESPONSIBLE PARTY was 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 information and the reported GHG emissions for the period 1st January 2024 to 31st December 2024

4. SUMMARY OF THE VERIFICATION RESULT

The GHG emission results presented in this report for the period 1st January 2024 to 31st December 2024 of the RESPONSIBLE PARTY were listed below.

Scope 1: Direct GHG emissions	111.494 tons of CO2e
• Stationary combustion	7.073 tons of CO2e
• Mobile combustion	76.344 tons of CO2e

• Fugitive emission	28.077 tons of CO ₂ e
Scope 2: Indirect GHG emissions from imported energy	859.203 tons of CO₂e
Total Direct and Indirect GHG Emissions	970.697 tons of CO₂e

5. VERIFICATION OPINION

In SGS's opinion related to the presented GHG report

- Is correct of methodology of quantification is applied.
- Is correct of EF reference sources are applied.
- Is correct of GWP reference sources are applied.
- Is correct of GHG emissions source were used and applied by the organization

6. GENERAL OBSERVATIONS & SUGGESTION

Observation of strong points:

- a) Strong commitment for implementing of many activities for energy saving and reducing greenhouse gas emission, then protection of environment during doing business and operation
- b) Understanding the needs and expectations of Group, clients and other interested parties for focusing on reducing the energy consumption and GHG and moving to Race to net zero as global trending and local requirements for sustainable development
- c) Strong awareness of ISO standard system
- d) System is available and readiness for collect the related information and data for quantification of GHG emission inventory.
- e) High performance and competence of collecting the related information and data for quantification of GHG emission inventory.

Suggestion:

- a) Consider applying the ISO 14064-1: 2018 to the GHG inventory management system and verification result of GHG emission by Third party, to add credibility and confidence to your carbon reporting for public disclosure. Verification will also enhance reputation and build trust with customers, investors and stakeholders.
- b) Strictly follow the requirement of HEINEKEN (Heineken Sustainability Standard) and consider registering and sign the commitment, then submit to the SBTi platform as soon as possible.
 - o Scope 1 and 2: minimum of 4.2% linear annual reduction for 5-10 years from date of submission and renewable electricity with 80% by 2025 and 100% by 2030 (Phase 01)
 - o Scope 3: minimum of 2.5% linear annual reduction for 5-10 years from date of submission with the engagement of organization and suppliers and other specific requirement of FLAG (if applicable, Phase 02)
- c) Set up the sustainable team for implementation the climate change action strategy, then develop the relationship for the engagement of supply chain and moving forward to the road map of GHG reduction with step by step, may starting from the Tier 1 suppliers.
- d) Develop the budget for sustainable and getting support from group for the financial, then integrated the climate change action and low carbon products road map to the business strategy of organization and group.
- e) Climate change action of Organization may refer as bellow:
 - o Develop road map and action to reduce GHG of scope 1
 - o Develop road map and action to reduce GHG of scope 2

- Develop road map and action to reduce GHG of scope 3 with priority focus on Tier 1 suppliers with high engagement and commitment
- Develop Road map and action to reduce Water use
- Develop Road map and action to reduce Energy consumption
- Develop Road map and action to reduce Waste and zero landfill
- Develop Road map and action to reduce chemical use
- Develop Ideas for Economic circular or recycling (waste to value)
- Develop Road map for carbon offset outside the boundary for carbon neutral

7. Opening and Closing Meeting Attendance Record

Name	Position	Opening	Closing
Ms. Vu My Nhu	Head of Sales Department	X	X



Ms. Nguyễn Thị Nam Trân
Business Assurance Director

