



Greenhouse gas emissions Verification Statement

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JAPAN PULP & PAPER 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 JAPAN PULP & PAPER 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^{*1} within its 2021 Monitoring Report (hereinafter, referred to as “the Report”) from 1 April 2021 to 31 March 2022.

1) SCOPE 1 GHG Emissions:

Direct CO₂ emissions from the Organizational boundary by using city gas, LPG, and kerosene, and from the vehicles owned by the Organization by using gasoline

2) SCOPE 2 GHG Emissions:

Indirect CO₂ emissions from the Organizational boundary by using electricity

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^{*2}, and to express our views as a third party. The 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

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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 the Organization’s GHG emissions in the Report of fiscal year 2021 were not calculated and reported in conformance with the criteria.

Verified GHG Emissions (t-CO ₂ e)	
SCOPE 1	147
SCOPE 2 ^{※3}	1,362

NOTE:

※1: Organizational boundary: The following business offices and real estates owned by the Organization

- Business Offices, etc.: Head Office, Kansai Branch, Kansai Branch Kyoto Sales Department, Chubu Branch, Kyushu Branch, Kitanihon Branch Tohoku Sales Department, Kitanihon Branch Hokkaido Sales Department, JP Distribution Center, and 2 Corporate recreational facilities
- Real Estates: OVOL Nihonbashi Building, Nihombashi Nichigin-Dori Building, Osaka JP Building, Kyoto Nakai Building, and 5 other Properties (Common areas used for all 9 properties)

※2: Monitoring procedure of SCOPE 1 and 2: “Basic Guidelines on Accounting for Greenhouse Gas Emissions Throughout the Supply Chain (ver.2.5)” and “Reporting procedures” prepared by the Organization.

※3: Emission factor for electricity consumption: Adjusted emission factor under GHG emissions reporting system