

VERIFICATION STATEMENT

Statement No.: PRJN-631183

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initiate reporting of

Verification of Greenhouse Gas Report (2022)

< Verification Objectives >

DNV Business Assurance Japan K.K. (hereinafter, "DNV") has been commissioned by Mitsubishi Gas Chemical Company, Inc. (hereinafter "the Organization") to perform an independent verification of the greenhouse gas emissions reported in the Organization's greenhouse gas monitoring report dated 8 March 2024 (hereinafter "the Report") prepared by the Organization. The objective of this verification is to confirm that the GHG emissions claimed by the Organization have been calculated and reported appropriately based on the calculation standards, and to express an independent opinion.

< Verification Scope >

The scope of this verification is Scope 1, Scope 2, and part of Scope 3 (Category 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13) of the GHG emissions of the domestic and overseas operation of the Organization in the Fiscal Year 2022. The GHG emissions of the operation of the Organization's affiliated companies are excluded. The GHG emissions from the domestic operation of the Organization includes the emissions from the organizations which the Organization manages their energy according to the Act on the Rational Use of Energy, Article 15 and 19 (2) Procedure on periodic monitoring and reporting guideline of GHG emissions.

< Verification Criteria >

The criteria for calculating and reporting GHG emissions to be verified are the identification, calculation, monitoring and reporting guideline established by the Organization, GHG Protocol Corporate Accounting and Reporting Standard (revised edition). The criterion for verification is ISO 14064-3:2019.

< Verification Process and Methodology >

The reviews of the GHG emissions calculation results, relevant documentation and records, and subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria.

< Verification Statement >

It is DNV's opinion that with a limited level of assurance, nothing has come to our attention which causes us to believe that the claims of the GHG emissions were not accurately reflected in the Report, in accordance with the verification criteria identified as stated above.

Place and date: Kobe, Japan, 14 March 2024

DNV Business Assurance Japan K.K.



Akira Sekine

Approved Verifier



Tsuyoshi Katori

Approved Verifier, Technical Reviewer



Naoki Maeda

Representative Director, SCPA
Senior Vice President

< Period Covered by Calculation >

The period covered by the calculation of the GHG emissions is from 1 April 2022 to 31 March 2023.

< Organization Boundary of Verification >

Management Control Equity Share Others*

*Consolidation methodology: The GHG emissions of the operation of the Organization's affiliated companies are excluded. The GHG emissions of the domestic operation of the Organization include only the emissions from the organizations which the Organization manages their energy according to the Act on the Rational Use of Energy, Article 15 and 19 (2) Procedure on periodic monitoring and reporting guideline of GHG emissions date 18 May 2023 regarding Chain Business Operations included.

< GHG data verified >

DNV's opinion is that the GHG data results in the quantification of GHG emissions that are real, transparent and measurable.

- **Type of GHGs** : CO₂ CH₄ N₂O HFCs PFCs SF₆ NF₃
- **Amount of GHG emissions (Scope 1)** : 562,368 tCO₂e
- **(Scope 2)** : 162,600 tCO₂e (Market-based)
- **(Scope 3)** : 7,167,900 tCO₂e

Emissions by Scope 3 Categories

Category 1: Purchased goods and services	3,924,410 t-CO ₂ e
Category 2: Capital goods	178,748 t-CO ₂ e
Category 3: Fuel- and energy-related activities (not included in Scope 1 or Scope 2)	126,473 t-CO ₂ e
Category 4: Upstream transportation and distribution	213,521 t-CO ₂ e
Category 5: Waste generated in operations	8,926 t-CO ₂ e
Category 6: Business travel	319 t-CO ₂ e
Category 7: Employee commuting	979 t-CO ₂ e
Category 8: Upstream leased assets	3,183 t-CO ₂ e
Category 9: Downstream transportation and distribution	63,756 t-CO ₂ e
Category 10: Processing of sold products	Not accounted for
Category 11: Use of sold products	364,066 t-CO ₂ e
Category 12: End-of-life treatment of sold products	2,271,986 t-CO ₂ e
Category 13: Downstream leased assets	11,532 t-CO ₂ e
Category 14: Franchises	Not accounted for
Category 15: Investments	Not accounted for

The reported values above are fully covered by the verification.

< Verification Opinion >

Unmodified Opinion Modified Opinion Adverse Opinion

As an independent third party, DNV has no financial dependencies on the Organization.