



VERIFICATION STATEMENT OF GREENHOUSE GAS ASSERTIONS

Statement No.: SS001-2022-GHG-KOB-DNV

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initiate reporting of

Verification of Mitsubishi Gas Chemical GHG Monitoring Report (2020)

< Scope of Verification >

DNV Business Assurance Japan K.K. has been commissioned by Mitsubishi Gas Chemical Company Inc. to perform a verification of the greenhouse gas assertion of "Mitsubishi Gas Chemical GHG Monitoring Report" of Mitsubishi Gas Chemical Company Inc. (Year 2020) (hereafter the "GHG Report") with respect to the following area:

Mitsubishi Gas Chemical Company Inc., Scope 1, 2 and 3 (Category 2/3/5/6)

< Verification criteria and GHG Programme >

The identification, calculation, monitoring and reporting of the GHG emissions were based on ISO14064-1:2018. The verification of the reported GHG inventory was performed in accordance with ISO 14064-3:2019 as well as criteria given, including the requirement from Mitsubishi Gas Chemical's GHG Monitoring and Reporting Procedure to provide for consistent GHG emission identification, calculation, monitoring and reporting.

< Verification Statement >

It is DNV's opinion that with limited assurance level nothing has come to our attention which causes us to believe that the greenhouse gas assertions of the "Mitsubishi Gas Chemical GHG Monitoring Report" of Mitsubishi Gas Chemical Company Inc. (2020) revision 1 dated 10 February 2022 do not accurately reflect Mitsubishi Gas Chemical's GHG emission of 2020 in accordance with the verification criteria identified as stated above.

< Process and Methodology >

The reviews of the Inventory Reports and the relevant documents, and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria.

The verification has been performed under supervision of:

Independent Validation Verification Body:
DNV Business Assurance Japan K.K.

Akira Sekine, GHG Verifier
28th February 2022

Naoki Maeda, Management Representative
1st March 2022

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< Quantification of Greenhouse Gas Emission >

The Supply "GHG Report" covers the period from 1 April 2020 to 31 March 2021. It is DNV's opinion that the "GHG Report" results in quantification of GHG emissions that are real, transparent and measurable.

< Organization Boundary of Verification >

Management Control Equity Share Others (see below)

Consolidation Methodology: Act on the Rational Use of Energy, Article 15 and 19 (2) Procedure on periodic monitoring and reporting guideline of GHG emissions dated 20 April 2021 based on "Act on the Rational Use of Energy", Article 15 and 19 (2) regarding Chain Business Operators

< GHGs Verified >

CO₂ CH₄ N₂O HFCs PFCs SF₆ NF₃

Total Direct Emissions (Scope 1)	569,858 tonnes CO₂e
Total Energy Indirect Emissions (Scope 2: Market based)	203,751 tonnes CO₂e
Total Other Emissions (Scope 3) Total	231,157 tonnes CO₂e
Category 2 Capital goods	108,963 tonnes CO ₂ e
Category 3 Fuel- and energy-related activities (not included in Scope 1 or Scope 2)	115,921 tonnes CO ₂ e
Category 5 Waste generated in operations	5,957 tonnes CO ₂ e
Category 6 Business travel	316 tonnes CO ₂ e

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 Mitsubishi Gas Chemical Company Inc.