

Independent Assurance Opinion

Verification Opinion No.:
C631068-2022-AG-TWN-DNV

Issued date:
26 March, 2024

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This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2022) of

HONMYUE ENTERPRISE CO., LTD.

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by HONMYUE ENTERPRISE CO., LTD. to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2022) (hereafter the "Inventory Report") in Taiwan, ROC with respect to the sites listed in Appendix A.

The Reporting Boundary for the verification including direct GHG emissions and removals, indirect GHG emissions from imported energy, indirect GHG emissions from transportation, indirect GHG emissions from products used by the Organization and indirect GHG emissions associated with the use of products from the Organization. The further descriptions for the Reporting Boundary listed in Appendix B.

Verification Criteria and GHG Programme

The verification was performed on the basis of ISO 14064-1:2018 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2011, ISO 14065:2020, ISO14064-3:2019.

Verification Opinion

It is DNV's opinion that the Inventory Report (2022), which was published on February 16, 2024 (Ver. 1.0), is free from material discrepancies in accordance with the verification criteria identified as stated above. The opinion is decided based on the following approaches,

- For the Direct (Category 1) and Indirect GHG emissions from imported energy (Category 2), the reliability of the information within the Inventory Report (2022) were verified with reasonable level of assurance.
- For the other indirect GHG emissions, the involved information was tested using agreed-upon procedures, AUP, defined in Inventory Report.

Also, the GHG information as stated in Appendix B and C has been verified during the process.

Jesse Wu
GHG Verifier



Place and date:
Taipei, 26 March, 2024

For the issuing office:
DNV Business Assurance Co., Ltd.
29Fl., No. 293, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City 220,
Taiwan



Management Representative

Supplement to Verification Opinion

Process and Methodology

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

Quantification of Greenhouse Gas Emission

The Inventory Report covering the period 1st January, 2022 to 31st December, 2022, it is DNV's opinion that 100% GHG emissions and removals identified within the Reporting Boundary has been included in the Inventory Report as claimed in accordance with the verification criteria identified as stated above, and results in quantification of GHG emissions that are real, transparent and measurable.

Organizational Boundary of Verification

Financial Management Control Operational Management Control Equity Share

GHGs Verified

CO₂ CH₄ N₂O HFCs PFCs SF₆ NF₃

The Quantification of GHG emissions in Direct and Indirect Emission Source:

Category	Direct and indirect GHG emissions categorization*	SHENGANG FACTORY	CHUANSING FACTORY	HEMEI FACTORY	TAIPEI OFFICE	Emissions verified, tonnes CO ₂ e
1	Direct emissions**	852.4317	594.2102	9.9365	0.2256	1,456.8040
2	Indirect GHG emissions from imported energy	4,304.4661	10,261.2998	485.4481	2.9464	15,054.1604
	<i>Direct emissions from biomass</i>	69.1981	4,366.1083	-	-	4,435.3064
	<i>Total greenhouse gas emissions in Category 1 & 2</i>	5,156.8978	10,855.5100	495.3846	3.1720	16,510.9644
3	Indirect GHG emissions from transportation	118.8899	129.8232	70.2606	0.1516	319.1253
4	Indirect GHG emissions from products used by the Organization	5,561.5553	20,421.0026	452.0992	0.5906	26,435.2477
5	Indirect GHG emissions associated with the use of products from the Organization	Not Significant				
	<i>Total greenhouse gas emissions in Category 3, 4 & 5</i>	5,680.4452	20,550.8258	522.3598	0.7422	26,754.3730
	<i>Total greenhouse gas emissions</i>	10,837.343	31,406.336	1017.744	3.914	43,265.337

*: Unless other indicated, the Indirect Emissions was calculated based on 2022 electricity emission factor of 0.495 kg CO₂e/kWh, which was announced by Bureau of Energy, Ministry of Economic Affairs. The Global Warming Potential (GWP) defined in IPCC AR6 (2023) has been choose and correctly referred by the Organization.

** : The emission factor of purchased steam is calculated based on saturated vapor pressure, heat enthalpy value and low heating value.

***: the details subcategory of each category could be refer later in the Report.

Verification Opinion

unmodified
 modified
 adverse

Appendix A to Verification Opinion No. C631068-2022-AG-TWN-DNV

APPENDIX A

The greenhouse gas statements of HONMYUE ENTERPRISE CO., LTD. Greenhouse Gas Inventory Management Report (2022) with respect to the following sites:

Site	Address
SHENGANG FACTORY	No. 60, Gongxi 1st Rd., Shengang Township, Changhua County 509004, Taiwan
CHUANSING FACTORY	No.3, Gongdong 3rd Rd., Hemei Township, Changhua County 508003, Taiwan
HEMEI FACTORY	No. 401, Hetou Rd., Hemei Township, Changhua County 508009, Taiwan
TAIPEI OFFICE	6F.-2, No. 17, Taiyuan Rd., Datong Dist., Taipei City 103015, Taiwan

APPENDIX B

The Reporting Boundary of indirect emissions, other than Imported Energy:

Category	Reporting Boundary
Indirect GHG emissions from transportation	<ul style="list-style-type: none"> - Upstream transportation and distribution. Transportation of selected purchased goods (Top ten suppliers with yarn of the total purchase amount and largest supplier with PVC of the total purchase amount). - Downstream transportation and distribution. Transportation of selected products sold by the Company (Top five suppliers with grey cloth, finished fabric of the total purchase amount and largest supplier with PVC of the total purchase amount). - Employee commuting
Indirect GHG emissions from products used by organization	<ul style="list-style-type: none"> - Purchased goods and services. Upstream emissions of selected purchased goods (Main raw materials, oil, electricity, NG). - Waste generated in operations. Disposal and treatment of waste generated.

The scope of other indirect emissions (other than Imported Energy with specified/limited list of sources) was defined by HONMYUE ENTERPRISE CO., LTD.'s own pre-determined criteria for significance of indirect emissions, considering the intended use of the GHG inventory.

APPENDIX C

For direct emissions quantified separately for each GHG as below, in tonnes of CO₂e:

CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆	NF ₃	TOTAL
1,149.4029	10.5183	2.4024	294.4804	0.0000	0.0000	0.0000	1456.8040