



Independent Assurance Opinion

Opinion No.:
C621566-2022-AG-TWN-DNV

Issued date:
31 August, 2023

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

Daxin Materials Corporation

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by DAXIN MATERIALS CORPORATION ('DAXIN' or 'the Organization') 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. 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 Statement

It is DNV's opinion that the Inventory Report (2022), which was published on Aug 25, 2022, 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 verified and tested using agreed-upon procedures, AUP, defined in Inventory Report.

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

Alvin Chen
GHG Verifier

Place and date:
Taipei, 31 August, 2023

For the issuing office:
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Management Representative

Supplement to Statement

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 from 1st January,2022 to 31st December,2022, it is DNV's opinion that the results in quantification of GHG emissions 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*	Emissions and removals verified, Tonnes CO ₂ -e		
		Chung Ker Plant	Chung Kang Plant	Toatal
1	Direct emissions **	375.88	1,072.45	1,448.33
2	Indirect GHG emissions from imported energy	2,674.88	3,217.73	5,892.61
3	Indirect GHG emissions from transportation	38.39	176.00	214.39
4	Indirect GHG emissions from products used by the Organization	913.68	11,718.94	12,632.62
5	Indirect GHG emissions associated with the use of products from the Organization	-	-	-
<i>Total greenhouse gas emissions and removals</i>		4,002.83	16,185.12	20,187.95

*: Unless other indicated, the Indirect Emissions was calculated based on 2022 electricity emission factor of 0.495 kg CO₂-e/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 as the main source and correctly referred by the Organization.

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

Verification Opinion

unmodified
 modified
 adverse