

Greenhouse Gas Verification Opinion

PlayNitride Inc.

No.13, Kezhong Rd., Zhunan Township, Miaoli County, Taiwan (R.O.C.)

Summary of verification results

「Industrial Technology Research Institute(Center for Measurement Standards)」 has independently verified the GHG claims reported by 「PlayNitride Inc.」. It complies with the requirements of ISO 14064-1:2018. The verification results do not violate the substantive restrictions and meet the reasonable assurance level of the verification agreement.

Verification boundary:

- PlayNitride Inc.
Headquarters : No.13, Kezhong Rd., Zhunan Township, Miaoli County
Taipei Office : 13F.-6, No.268, Liancheng Rd., Zhonghe Dist., New Taipei City
Tainan Office : 3F-2, No.18, Aly.21, Ln.279, Zhongzheng Rd., Yongkang Dist., Tainan City
- Duration : January 1, 2023 to December 31, 2023

GHG Emissions:

Category 1: Direct GHG emissions and removals	1,290.93	Tonnes CO ₂ e
Category 2: Indirect GHG emissions from imported energy	3,780.51	Tonnes CO ₂ e
Category 3: Indirect GHG emissions from transportation	8.51	Tonnes CO ₂ e
Category 4: Indirect GHG emissions from products used by an organization	940.44	Tonnes CO ₂ e
Total GHG emissions:	6,020	Tonnes CO₂e

Mental reservation: N/A



Lead Verifier



Industrial Technology Research Institute
CMS General Director (Authorized Signature)

First release date : May 6, 2024
Latest release date : May 6, 2024



Detail verification categories
unit: Tonnes CO_{2e}

GHG emissions	Location & Information
	PlayNitride Inc. Headquarters : No.13, Kezhong Rd., Zhunan Township, Miaoli County Taipei Office : 13F.-6, No.268, Liancheng Rd., Zhonghe Dist., New Taipei City Tainan Office : 3F-2, No.18, Aly.21, Ln.279, Zhongzheng Rd., Yongkang Dist., Tainan City
Category 1: Direct GHG emissions and removals	1,290.93
Category 2: Indirect GHG emissions from imported energy	3,780.51
Category 3: Indirect GHG emissions from transportation	8.51
Category 4: Indirect GHG emissions associated with the use of products from the organization	940.44
Total GHG emissions:	6,020

- Verification duration : January 1, 2023 to December 31, 2023
- Types of GHGs included : CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
- GWP applied : The IPCC 2021 AR6 GWP values are applied in this inventory.
- Electricity emission factor : 0.495 KgCO_{2e}/kWh
(Announced by Bureau of Energy, Ministry of Economic Affairs in 2022)
- Consolidation approach : Control

Level of assurance :

Reasonable level of assurance in Category 1, Category 2, Category 4

Limited level of assurance in Category 3

Materiality threshold : 5 %
Verification agreement :

ISO 14064-3:2019 Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements.

Verification criteria :

ISO 14064-1:2018 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

Verification opinion :

According to the verification process and procedures carried out by the "Industrial Technology Research Institute (Center for Measurement Standards)", there is sufficient evidence to show that the GHG statements of " PlayNitride Inc. " are not substantially different. The modified historical GHG data and related information are presented fairly based on ISO 14064-1:2018. The GHG statements are the responsibility of " PlayNitride Inc. ".

Verification process date :

Document review: April 1, 2024

Stage 1 verification: April 15, 2024

Stage 2 verification: April 19, 2024

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Avoidance of conflict of interest

The report and attachments are in full compliance with the standard methods and procedures of the competent authority, and the inspection operations are conducted in an impartial and honest manner. If not, the auditing institution not only has to bear the relevant compensation duties, but also to receive legal charges and punishment. ITRI has no financial investment relationship with the inspected unit and complies with the requirements of the competent authority to avoid conflicts of interest. If there are any violations of the aforementioned facts, which are verified by the competent authority, this report and the contents of the attachments are willing to accept the decision of the competent authority as invalid.

Disclaimer

The content of this statement is prepared by "Industrial Technology Research Institute (Center for Measurement Standards)" based on the verification results of " PlayNitride Inc." 's greenhouse gas claims and is issued after its consent. Local ordinances, and the responsibility for any published international guidelines and regulations; "Industrial Technology Research Institute (Center for Measurement Standards)" is not required to represent it to other organizations other than customers.