

Greenhouse Gas Verification Opinion

PlayNitride Inc.

No.13, Kezhong Rd., Zhunan Township, Miaoli County

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 in Category 1, 2, and the limited assurance in Category 3, 4.

Verification Boundary:

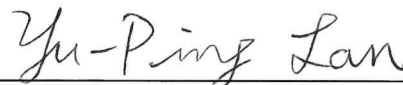
- PlayNitride Inc.
(The detailed boundary is listed in the table on the next page.)
- Duration : January 1, 2024 to December 31, 2024

GHG Emissions:

Category 1: Direct GHG emissions and removals	1,512.01	Tonnes CO ₂ e
Category 2: Indirect GHG emissions from imported energy	3,302.47	Tonnes CO ₂ e
Category 3: Indirect GHG emissions from transportation	22.35	Tonnes CO ₂ e
Category 4: Indirect GHG emissions from products used by an organization	873.34	Tonnes CO ₂ e
Total GHG emissions:	5,710.17	Tonnes CO₂e



Lead Verifier



Industrial Technology Research Institute
CMS General Director (Authorized Signature)

First release date : May 16, 2025

Latest release date : May 16, 2025

Verification Boundary

Location	Address
PlayNitride Display Co., Ltd.-Zhunan Plant	1F, 2F, 4F, 5F, 7F, N9-2F, N9-5F, No.13, Kezhong Rd., Zhunan Township, Miaoli County
PlayNitride Display Co., Ltd.-Tainan Office	3F-2, No.18, Aly.21, Ln.279, Zhongzheng Rd., Yongkang Dist., Tainan City
PLAYNITRIDE INC. TAIWAN BRANCH (CAYMAN) (Taipei Office)	13F.-6, No.268, Liancheng Rd., Zhonghe Dist., New Taipei City
PlayNitride America Corp.	2051 Junction Ave, STE #110, San Jose, CA 95131, USA

Detail Verification Categories

The total emissions were verified in selected branches and representative offices, including but not limited to the following:

unit: Tonnes CO_{2e}

GHG Emissions	Location & Information
	PlayNitride Inc. Zhunan Plant, Tainan Office, Taipei Office, PlayNitride America Corp.
Category 1: Direct GHG emissions and removals	1,512.01
Category 2: Indirect GHG emissions from imported energy	3,302.47
Category 3: Indirect GHG emissions from transportation	22.35
Category 4: Indirect GHG emissions from products used by an organization	873.34
Total GHG emissions:	5,710.17

- Verification duration : January 1, 2024 to December 31, 2024
- Types of GHGs included : CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
- GWP applied : The IPCC 2021 AR6 GWP values
- Electricity emission factor : 0.474 KgCO_{2e}/kWh
(The emission factor for electricity for the year 2024 is announced by Taiwan power company in 2025.)
- Consolidation approach : Control

Level of Assurance :

Reasonable assurance in Category 1, 2

Limited assurance in Category 3, 4

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 10, 2025

Stage 1 verification: April 18, 2025

Stage 2 verification: April 25, 2025

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Disclaimer

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