

April 26, 2025

KERAMIDA Inc. (KERAMIDA) was engaged by the PNC Financial Services group (PNC) to provide limited assurance greenhouse gas (GHG) verification of their 2024 Scope 1, 2, and 3 GHG emissions inventory, total energy use, and select data necessary for Scope 3 emissions. The data and calculations being verified covers the period of January 1, 2024 to December 31, 2024. The calculation of the GHG inventory is the sole responsibility of PNC using guidance per US Environmental Protection Agency and the GHG Protocol standards.

Statement of Independence

KERAMIDA affirms our independence from PNC and is free from bias and conflicts of interest related to the assurance of the environmental data.

Verification Assurance Opinion

Based on the process and procedures conducted, there is no evidence that the GHG emissions calculations and summary is not a fair representation of the actual GHG emissions data and information.

In KERAMIDA's opinion, PNC has established an appropriate system for collecting, calculating and analyzing quantitative data and information for the GHG emissions for the stated time period, scope and level of assurance.

KERAMIDA's Approach

Verification was conducted in accordance with ISO 14064-3: 2019 *Specification with guidance for the validation and verification of greenhouse gas assertion*, which is an approved verification standard accepted by the Carbon Disclosure Project (CDP). The scope of work was to provide limited assurance for the verification of their GHG emissions inventory and energy use data, and verification was led by an accredited California Lead GHG Verifier.

Validation scope of the reporting company GHG emissions

- Organizational boundaries: Operational Control Approach

Time Period

- January 1, 2024 to December 31, 2024

Level of Assurance

- Limited
- Materiality Threshold: 5% as suggested by ISO 14064-3 (2019).

KERAMIDA's Methodology and Procedure

Procedure performed during the verification

- Interviews with key personnel involved in the process of compiling, calculating, and preparing the emissions data report and energy data;

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- Review of evidence in support of key disclosures in the emissions report and energy disclosure;
- Review of a variety of data analytics to check the reasonableness of the data and calculations;
- A variety of re-calculation procedures to confirm stated quantities;
- Evaluated the reasonableness of any assumptions used in support of disclosures;
- Reviewed how disclosures were presented and determine if they were representative of data and operations.

Table 1. Data Verified by KERAMIDA

Scope	CO ₂ e (MT)
Scope 1	28,268
Scope 2 (Location-Based)	126,311
Scope 2 (Market-Based)	6,719
Scope 3	79,085
Category	
Total Electricity Purchased	342,768,681 kWh
Energy Credits	323,924,663 kWh
Natural Gas Purchased	333,744,250 cf
Heating Oil	1,239 gal
Propane	3,184 gal
Diesel	12,934 gal
Jet Fuel	3,538,766 lbs
Fleet Fuel	169,792 gal
Refrigerant	25,072,113 SF
Steam	19,057,250 lbs
Chilled Water	566,637 ton-hrs
Total Water Consumption	289,249,570 gal
Total Waste to Landfill	7,381 short tons
Total Waste to Recycle	459 short tons
Total Waste to Shred	8,782 short tons
Total e-Waste to Recycle	107 short tons
Total Waste to Compost	13 short tons

This verification statement, including the opinion expressed herein, is provided to PNC and is solely for the benefit of PNC in accordance with the terms of our agreement. We consent to the release of this statement by you to CDP in order to satisfy the terms of CDP disclosure requirements but without accepting or assuming any responsibility or liability on our part to CDP or to any other party who may have access to this statement.



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