

GREENHOUSE GAS VERIFICATION STATEMENT

The inventory of Greenhouse Gas emissions in
1st January 2023 to 31st December 2023 of

Jiade Energy Technology (Zhuhai) Co., Ltd.

珠海市嘉德电能科技有限公司

Client Address:

Building 1#, No. 9, Dingwan 7th Road, Sanzao Town,
Jinwan District, Zhuhai City, Guangdong Province,
P.R. China

中国广东省珠海市金湾区三灶镇定湾七路 9 号 1#厂房

has been verified in accordance with ISO 14064-3:2019
as meeting the requirements of

ISO 14064-1:2018

For the following GHG assertion

Category 1 : Total Direct Greenhouse Gas Emission is
108.57 tonnes of CO₂ Equivalent in 2023 year.

Category 2 : Total Energy Indirect Greenhouse Gas
Emission is 4262.29 tonnes of CO₂ Equivalent in 2023
year.

Statement Number:

GHG-024-CN-015

Verification Completed Date:

26th May 2024

Statement Issue Date:

3rd June 2024

Signature, on behalf of Intertek



Authorised Signature:

Calin Moldoveanu

President, Business Assurance

Intertek Testing Services Ltd., Shanghai

2/ F, Building No.15-16, Shanghai 1988 Chang
Zhong Road, Shanghai 200435, China



Introduction

Intertek has been retained by Jiade Energy Technology (Zhuhai) Co., Ltd., for the verification of the greenhouse gas (GHG) assertion related to the GHG emission inventory. The purpose of the verification exercise was, by review of objective evidence, to independently review whether the GHG emissions are as declared by the organization's GHG assertion, and the data reported are reasonably accurate, complete, consistent, transparent and free of material error or omission.

Details of engagement:

Title/Description of the Activity:	GHG verification of 2023 for Jiade Energy Technology (Zhuhai) Co., Ltd.
Description of the Entity and Business Activities:	Design and production of assembled lithium batteries and battery chargers
Intended user of the verification statement:	Private User
Description of the Scope and Boundary of the GHG emissions:	<p>The organizational boundaries are Jiade Energy Technology (Zhuhai) Co., Ltd. located at Building 1#, No. 9, Dingwan 7th Road, Sanzao Town, Jinwan District, Zhuhai City, Guangdong Province, P.R. China.</p> <p>The reporting boundaries are Category 1 and 2, but Category 3, 4, 5 & 6 was not quantified and reported.</p> <p>The Base Year was 2022</p> <p>The data and information supporting the GHG assertion were historical in nature</p>
Types of GHGs included:	CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆
GHG Program Participation:	None
Criteria:	<ul style="list-style-type: none"> ISO 14064-1:2018, Specification with guidance at the organizational level for quantification and reporting of greenhouse gas emissions and removals. ISO 14064-3:2019, Specification with guidance for the validation and verification of greenhouse gas assertions.
Level of Assurance	Reasonable
Materiality	The materiality threshold for this activity was determined to be 5%.
Verifier Team	<p>Team Leader: Zhan Yanxin (Mr. James Zhan)</p> <p>Team member: Tian Shunsheng(Mr. Frank Tian) to be witnessed</p> <p>Witness Verifier: Li Mingsheng (Mr. Tim Lee)</p>
Verification Date	<p>Activity Stage I: May. 15th to 16th, 2024 (on-site)</p> <p>Activity Stage II: May. 26th, 2024 (off-site)</p>

GHG Assertion

The GHG assertion is as follows:

- Total Direct Greenhouse Gas Emission is 108.57 tonnes of CO₂ Equivalent in 2023 year.





- Total Energy Indirect Greenhouse Gas Emission is 4262.29 tonnes of CO₂ Equivalent in 2023 year.

GHG Verification Methodology

Intertek's verification approach is risk-based, drawing on an understanding of the risks associated with the GHG emissions information and the associated controls. Our examination included an assessment, on a test basis, of evidence related to the amounts and disclosures of the reported GHG emissions. Specifically, the validation process evaluated:

- The GHG information system employed by the organization;
- The quality of the organization's GHG inventory emission protocols;
- The execution of the GHG inventory process; and
- The quality of the GHG data gathered and reported emissions.

Intertek employed a sampling approach in evaluating the information listed above, with respect to both information and facilities within the scope, as applicable. The number of data points, sites and locations visited were based upon the outcome of the risk assessment employed while developing the sampling plan. Other considerations included appropriate sampling based upon the applicable criteria, level of assurance agreed for this engagement, geographical locations, facility types and control methods employed, and related travel logistics and cost factors.

The validation team employed techniques such as document reviews, interviews, site visits, recalculations, etc. To the extent possible within the sampling approach determined appropriate for this reasonable level of assurance engagement, the GHG information system and data attributes evaluated include level of control, relevance, completeness, consistency, transparency, and accuracy.

Conclusions

In Intertek's opinion and with a reasonable assurance level, the presented GHG assertion:

- is materially correct and is a fair representation of the GHG emissions data and information;
- is prepared in accordance with ISO14064-1:2018 on GHG emissions quantification and reporting.

Limitations of Use

This verification statement has been prepared for the sole and exclusive use of Private User, in accordance with the terms of our engagement. Intertek does not assume any responsibility to any other parties with respect to this verification statement. Intertek's conclusions are based upon information made available to Intertek, and Intertek cannot guarantee the accuracy or correctness of this information. Therefore, Intertek cannot be held liable by any party for decisions made, or not made, based upon review of this report.