



中国船级社质量认证有限公司
CHINA CLASSIFICATION SOCIETY CERTIFICATION CO., LTD.

GHG VERIFICATION OPINION

No: CCSC202401040102020

This is to certify that,

SEMICONDUCTOR MANUFACTURING INTERNATIONAL BEIJING CORPORATION

Registered and operating address: No.18 Wenchang Road, Beijing Developing Area, Beijing, P.R. China

China Classification Society Certification Co., Ltd. (CCSC) as a third-party validation and verification body verifies the GHG statement and issues this verification opinion according to verification criteria and related procedures.

By verification, CCSC confirms that,

- 1.The GHG statement of this organization is prepared in accordance with the related requirement of ISO14064-1: 2018 on quantification and reporting of GHG emissions and removals.
2. The GHG statement of the organization covers the period of 1/1/2023- 31/12/2023, during which the GHG emissions and removals are as follows:

Category 1: Direct GHG emissions and removals (tCO ₂ e)	Category 2: Indirect GHG emissions from imported energy (tCO ₂ e)	Category 3: Indirect GHG emissions from transportation (tCO ₂ e)	Category 4: Indirect GHG emissions from products used by an organization (tCO ₂ e)	Category 5: Indirect GHG emissions associated with the use of products from the organization (tCO ₂ e)	Category 6: Indirect GHG emissions from other sources (tCO ₂ e)	Total emissions (tCO ₂ e)
86,609.62	232,669.03	13.05	411.63	0.00	0.00	319,703.33

3.The reasonable level of assurance provided by the verification is consistent with the agreed verification objectives, criteria and scope.

4.The GHG statement of this organization is free from material misstatements.

5. The conclusion is unconditional.

More details in Appendix.

Issued by: CCSC

Signed by:

Issued at: Beijing

Issued on:

1. This opinion is based on an approved project report. Any modifications require resubmission to CCSC for approval. The appendix must accompany the main opinion and all pages (including appendix) must be stamped by CCSC for validity. Unauthorized extraction of the opinion is prohibited. Parties with concerns about authenticity may consult CCSC directly.
2. The CNAS accreditation symbol only indicates CNAS' recognition of CCSC's capabilities, and should not be construed as CNAS's approval or responsibility for the opinion.
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APPENDIX TO GHG VERIFICATION OPINION

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The objective(s), criteria, scope and level of assurance of this verification are based on the agreement between client and CCSC.

1. Verification objective:

Evaluate whether the GHG statement is conform to the applicable verification criteria, including the relevant standards or the principles and requirements of the GHG programme.

2. 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
- ISO 14064-3: 2019 Greenhouse gases — Part 3: Specification with guidance for the verification and validation of greenhouse gas statements

3. Verification scope:

Organizational boundary	This organization accounts for GHG emissions and removals from facilities over which it has operational control. Include the following operational addresses: No.18 Wenchang Road, Beijing Developing Area, Beijing, P.R. China.
Reporting boundary	GHG emissions and removals associated with the organization's operational activity, e.g. chip manufacturing, including Category 1: Direct GHG emissions and removals; Category 2: Indirect GHG emissions from imported energy; Category 3: Indirect GHG emissions from transportation; Category 4: Indirect GHG emissions from products used by an organization; Category 5: Indirect GHG emissions associated with the use of products from the organization; Category 6: Indirect GHG emissions from other sources. Category 5 and Category 6 are not reported by the organization during this reporting period.
GHG types	Include 7 types of GHG i.e. CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ and NF ₃
Time period(s)	1/1/2023- 31/12/2023
Base year	The base year is 2009

4. Level of assurance: Reasonable level of assurance

5. Others: The evidences and information claimed by the organization are reasonable assumptions, predictions and / or historical facts.



Note: The APPENDIX is valid only when used together with the opinion.