



BUREAU
VERITAS

Bureau Veritas Certification

Greenhouse Gases Verification Opinion

is awarded to

GEM CO., LTD.

Bureau Veritas Certification (Beijing) Co., Ltd. was engaged to conduct an independent verification of the greenhouse gases (GHG) emissions reported by GEM CO., LTD. (Headquarters and 11 subsidiary companies) for the period stated below. This verification opinion applies to the related information included within the scope of work described below.

Boundaries covered by the verification:

- Verification site name: GEM CO.,LTD.
- Verification site address: 20th Floor, Building A, Rongchao Binhai Building, South of Xinghua Road, Bao'an Central District, Bao'an District, Shenzhen
- Reporting period covered: 01/01/2023 to 31/12/2023

Organizational boundaries: Activities and facilities of GEM CO.,LTD. (Headquarters and 11 subsidiary companies, See the attachment) under operational control approach.

Reporting boundaries: GHG emissions generated in related production and related management activities within the organizational boundaries, as well as significant indirect greenhouse gases emissions.

Emissions data verified under reporting boundaries:

- Category 1: Direct GHG emissions: 63412.20 tCO₂e
- Category 2: Indirect GHG emissions from imported energy (location-based): 793493.98 tCO₂e
Indirect GHG emissions from imported energy (market-based): 765653.98 tCO₂e
- Category 3: Indirect GHG emissions from transportation: 1697787.83 tCO₂e
- Category 4: Indirect GHG emissions from products used by organization: 9499740.01 tCO₂e
- Category 5: Indirect GHG emissions associated with the use of products from the organization: 890353.59 tCO₂e
- Category 6: Indirect GHG emissions from other sources: Non-significant indirect emissions and not quantified

Total quantified emissions(location-based): 12944787.61 tCO₂e

Total quantified emissions(market-based): 12916947.61 tCO₂e

Limitations and exclusions: Excluding other non-significant indirect GHG emissions

protocol used to conduct the verification:

- 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

Level of assurance:

- Reasonable assurance

Certification body address: Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

Further clarifications regarding the verification scope of this opinion may be obtained by consulting the organization.

To check this opinion validity please call: +86 10 59683663 or +86 20 83073800