



**VERIFICATION OPINION
GREENHOUSE GAS EMISSIONS**

To: American Express

Apex Companies, LLC (Apex) was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by American Express for the calendar year (CY) 2019. This Verification Declaration applies to the related information included within the scope of work described below.

The determination of the GHG emissions is the sole responsibility of American Express. American Express is responsible for the preparation and fair presentation of the GHG emissions statement in accordance with the criteria. Apex’s sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported, and on the underlying systems and processes used to collect, analyze and review the information. Apex is responsible for expressing an opinion on the GHG emissions statement based on the verification. Verification activities applied in a limited level of assurance verification are less extensive in nature, timing and extent than in a reasonable level of assurance verification.

Boundaries of the reporting company GHG emissions covered by the verification:

- Operational Control
- Worldwide
- Exclusions: None

Types of GHGs: CO₂, N₂O, CH₄, HFCs

GHG Emissions Statement:

American Express Entity-Wide GHG Emissions for CY 2019	
Scope 1 Emissions Metric Tonnes (mt) of CO ₂ equivalent (CO _{2e})	24,363
Scope 2 Emissions – Location Based mt CO _{2e}	113,964
Scope 2 Emissions – Market Based mt CO _{2e} (purchased steam and chilled water emissions)	3,153
Scope 3 Emissions – Category 6 Business Travel CO _{2e}	51,679
Total Scope 1 + Scope 2 Market Based + Scope 3 Business Travel CO_{2e}	79,195
GHG Emission Offsets and Net Emissions for CY 2019	
Purchased GHG Emission Offsets mt CO _{2e}	80,914
Net Emissions CO_{2e} (Scope 1 + Scope 2 Market Based + Scope 3 Business Travel) - Purchased GHG Emission Offsets	0

Data and information supporting the Scope 1, Scope 2 and Scope 3 GHG emissions assertion were in some cases estimated rather than historical in nature.



Period covered by GHG emissions verification:

- Calendar Year 2019 – January 1 to December 31, 2019

Criteria against which verification was conducted:

- World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD) Greenhouse Gas (GHG) Protocol, Corporate Accounting and Reporting Standard, Revised Edition (**Scope 1 and 2**) and the GHG Protocol Scope 2 Guidance, an amendment to the GHG Protocol Corporate Standard.
- WRI/WBCSD Greenhouse Gas Protocol Corporate Value Chain (**Scope 3**) Accounting and Reporting Standard.

Reference Standard:

- ISO 14064-3: Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions

Level of Assurance and Qualifications:

- Limited
- This verification used a materiality threshold of 5% for aggregate errors in sampled data for each of the above indicators
- Qualifications: None

GHG Verification Methodology:

Evidence gathering procedures included but were not limited to:

- Interviews with relevant personnel of American Express and their consultant;
- Review of documentary evidence produced by American Express;
- Remote review of American Express data and information systems and methodology for collection, aggregation, analysis and review of information used to determine GHG emissions;
- Audit of samples of data used by American Express to determine GHG emissions.

Verification Opinion:

Based on the process and procedures conducted, there is no evidence that the GHG emissions statement shown above:

- is not materially correct and is not a fair representation of the GHG emissions data and information; and
- has not been prepared in accordance with the WRI/WBCSD GHG Protocol Corporate Accounting and Reporting Standard (**Scope 1 and 2**), and WRI/WBCSD Greenhouse Gas Protocol Corporate Value Chain Accounting and Reporting Standard (**Scope 3**).

It is our opinion that American Express has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.



American Express
May 15, 2020

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Statement of independence, impartiality and competence

Apex is an independent professional services company that specializes in Health, Safety, Social and Environmental management services including assurance with over 30 years history in providing these services.

No member of the verification team has a business relationship with American Express, its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

Apex has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of Apex's standard methodology for the verification of greenhouse gas emissions data.

Attestation:

A handwritten signature in blue ink, appearing to read 'David Reilly'.

David Reilly, Lead Verifier
Principal Consultant
Apex Companies, LLC
Santa Ana, California

A handwritten signature in blue ink, appearing to read 'Trevor Donaghu'.

Trevor Donaghu, Technical Reviewer
Program Manager
Apex Companies, LLC
Pleasant Hill, California

May 15, 2020

This verification statement, including the opinion expressed herein, is provided to American Express and is solely for the benefit of American Express in accordance with the terms of our agreement. We consent to the release of this statement by you to the 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.