

VERIFICATION OPINION DECLARATION GREENHOUSE GAS EMISSIONS

To: The Stakeholders of MasterCard

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

Global

Types of GHGs: CO2, NzO, CH4, HFCs

- GHG Emissions Statement:
- Scope 1: 3,221 metric tons of CO₂ equivalent
 Scope 2 (Location-Based): 52,538 metric tons of CO₂ equivalent
- Scope 2 (Market-Based): 268 metric tons of CO₂ equivalent

Purchased Goods & Services, Capital Goods, and Upstream Transportation and Distribution: 344,076 metric tons of CO₂ equivalent

Fuel- and Energy-Related Activities: 6,485 metric tons of CO₂ equivalent Waste Generated in Operations: 486 metric tons of CO₂ equivalent

Business Travel (air and rail travel): 7,373 metric tons of CO₂ equivalent

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January 1, 2020 to December 31, 2020

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 (Scope 1 and 2)

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WRI/WBCSD Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard (Scope 3)

Submaric (policy):

Reference Standard.

• 150 14064-3.2015 - Oreenhouse gases - Part 3: Specification with guidance for the validation and verification of greenhouse gases.

Level of Assurance and Qualifications:

Limited

This verification used a materiality threshold of ±5% for aggregate emors in sampled data for each of the above indication.
 GHO Verification Methodology:

Evidence-gathering procedures included, but were not limited to:

- Interviews with relevant personnel of MasterCard and their consultant;
- Review of documentary evidence produced by MasterCard:
- Review of MasterCard data and information systems and methodology for collection, aggregation, analysis
 and review of information used to determine GHG emissions; and
- Audit of samples of data used by MasterCard 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 WRIWBCSD GHG Protocol Corporate Accounting and Reporting Standard (Scope 1 and 2), and WRIWBCSD Greenhouse Gas Protocol Corporate Value Chain Accounting and Reporting Standard (Scope 3).

It is our opinion that MasterCard 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.

Statement of independence, impartiality and competence

Statement of Independence, imperiality and competence Ages is an independent professional enteriors company that specializes in Health, Safety, Social and Environmental management services including easurance with over 30 years indoor ju provising these services. No member of the varietistics treat has a laurises relationship with MaderCard, its Direction or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of intensi.

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 undestanding of Apox is standard methodology for the verification of generatious gas emissions data.

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Dul Riff Mary E. Armstrong-Friberg, Lead Verifier Principal Consultant Apex Companies, LLC. Cleveland, Ohio

David Reilly, Technical Reviewer Principal Consultant Apex Companies, LLC. Santa Ana, California

March 11, 2021

This vertication statement, including the opinion expressed herein, is provided to MasterCard and is solely for the benefit of MasterCard in accordance with the terms of our appearant. We consent to the release of this statement by you to CDP in order to our control or the control of the co

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