



**VERIFICATION OPINION DECLARATION
GREENHOUSE GAS EMISSIONS**

To: Motorola Solutions, Inc.

APEX Companies LLC, (Apex) was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by Motorola Solutions, Inc. (Motorola Solutions) for the period stated below. This verification opinion 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 Motorola Solutions. Motorola Solutions 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 opinion 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 from the scope of Motorola Solution’s GHG emissions assertion are:
Scope 1 emissions from fugitive emissions of HFCs, PFCs, and SF₆

Types of GHGs: CO₂, N₂O, CH₄

GHG Emissions Statement:

Motorola Solutions Entity-Wide GHG Emissions for CY2019	
Scope 1 Emissions 17,352 metric tons (mt) of CO ₂ equivalent (CO ₂ e)	
Scope 2 Emissions – Location Based 63,630 mt CO ₂ e	Scope 2 Emissions – Market Based 68,620 mt CO ₂ e
Scope 3 Emissions	
Category 1 – Purchased Goods & Services	657,000 mt CO ₂ e
Category 2 – Capital Goods	95,000 mt CO ₂ e
Category 3 – Fuel and Energy-Related Activities	9,000 mt CO ₂ e

Category 4 – Upstream Transportation & Distribution	45,000 mt CO ₂ e
Category 6 – Business Travel	59,000 mt CO ₂ e
Category 7 – Employee Commuting	13,000 mt CO ₂ e
Category 11 – Use of Sold Products	941,000 mt CO ₂ e

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

Data and information supporting the Scope 3 GHG emissions assertion were in many cases estimated rather than historical in nature.

Period covered by GHG emissions verification:

- January 1, 2019 to December 31, 2019

Criteria against which verification conducted:

- World Resources Institute (WRI)/World Business Council for Sustainable Development (WBCSD) Greenhouse Gas 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 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 statements

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 Motorola Solutions;
- Review of documentary evidence produced by Motorola Solutions;
- Review of Motorola Solutions 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 Motorola Solutions to determine GHG emissions.



Verification Opinion:

Based on the verification process and procedures conducted to a limited assurance level of the GHG emissions statement shown above, Apex found no evidence that the GHG emissions statement:

- 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 Motorola Solutions 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

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 Motorola Solutions, Inc., 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 'Mary E. Armstrong-Friberg'.

Mary E. Armstrong-Friberg, Lead Verifier
Principal Consultant
APEX Companies, LLC
Santa Ana, California

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

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

June 2, 2020

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