

Crown Holdings, Inc.

One Crown Way, Philadelphia, PA 19154-4599, USA

Verification Criteria: Carbon Disclosure Project (CDP) Guidelines
The Greenhouse Gas Protocol” (World Resources Institute, 2004 Revised Edition amended 2013), the “General Reporting Protocol v. 2.0
ISO 14065:2013 “Requirements for Greenhouse Gas Validation and Verification Bodies for use in Accreditation or Other Forms of Recognition”

Footprint Period: 2020 (1st January - 31st December inclusive)

Scope of Verification

The verification covers the period 1st January 2020 to 31st December 2020 inclusive associated with Crown Holdings Inc. global operations for Scope 3. Where assumptions have been made then these have been documented for transparency. The verification was conducted to a limited level of assurance and concludes that the Scope 3 GHG assertion is materially correct.

Data and calculations selected for Scope 3 GHG verification were based upon a risk assessment approach. The verification also included ‘boundaries’ completeness checks. Data in spreadsheets were also examined and specific sampling of data was conducted giving consideration to raw data sources. Emission factors were found to be based on best available information and were from robust and recognised sources.

Verifiers Opinion

Based on the evidence provided and the samples selected for verification, it is the opinion of Lucideon that the Crown Holdings Inc. Scope 3 assertion covering the period 1st January 2020 to 31st December 2020 is materially correct and is a fair representation of the scope 3 GHG data and information and was compiled in conformance with the verification criteria described above. The data and information supporting the Scope 3 GHG assertion were historical in nature. The following qualifications apply:

- The verification source stream boundary is defined in the summary table below. All other source streams were outside the verification boundary.

- Aluminium and steel emission factors are based on a supplier by supplier basis as researched by the operator where possible. The verifier assessed that these emission factors are commensurate with other published emission factors and can therefore be considered robust
- Scope 3 Other: The calculation of emissions is based on Carnegie Mellon’s EIO LCA dataset, with an inflation adjustment using the year end inflation total to the model date (2002 to 2020) from the BLS CPI inflation calculator. Data is based on 2019 as 2020 data was not available in time for reporting.

Verified inventory as follows:

SCOPE	Subscope	tCO2e
3	Aluminium	7,666,689.14
3	Steel	2,988,581.48
3	Coatings	552,926.21
3	Inks	12,260.97
3	Compound	20,178.13
3	Other	690,153.27
	Total	11,930,789.21



Andrew Shepherd
Lead Verifier

14th September 2021



Sorcha Anderson
Independent Reviewer

15th September 2021