

# GHG STATEMENT

## for ARATUBO S.A.U.

### Introduction

ARATUBO S.A.U. (ARATUBO) has commissioned DNV Business Assurance Spain SLU to carry out a limited verification of the carbon footprint product calculation for the following declared unit expressed in tons of CO<sub>2</sub>e:

- 1 ton of steel welded tube

ARATUBO was responsible for communicating the calculation of emissions or "carbon footprint" of greenhouse gases expressed as CO<sub>2</sub> equivalent in accordance with the reference standard ISO 14067:2018.

**Period:** Year 2023 (01 January -31 December)

### Geographical limits

The limits that delimit the geographical scope of the footprints are determined by:

- The location of the production sites at Mendigorritxu Kalea, 54-56-59, 01015 Vitoria-Gasteiz, Álava, Spain.

### Scope of the verification

- Our limited review verified the carbon footprint product calculation for the period January 1, 2023 – December 31, 2023, calculated by ARATUBO at its facilities in Spain for the following stages:

Upstream processes (cradle to gate*)	-Upstream transport: emissions generated in the transport of raw and auxiliary materials from the supplier's location to the company's facilities. -Production of raw and auxiliary materials: emissions generated in the production process of the materials used in the Aratubo process.
Core processes (cradle to gate*)	-Fuel consumption in operations or facilities: direct emissions produced by the combustion of these fuels in the company's production activity. -Imported energy consumption: emissions generated in the production of the energy consumed in the production process, and which is extracted from the grid supply. -Waste management
Upstream processes (cradle to gate*)	Not included
Exclusions	Capital goods, business trips, employees commuting.

\* Gate is considered where activities take place, it means workshops.

### Objective

The objective of the verification is to provide the interested parties with a professional and independent judgment, and to evaluate the degree of conformity, degree of implementation and effectiveness of the current carbon footprint calculation system against the requirements established in the reference standard.

### Limitations and Assumptions

In the ARATUBO report "*Informe HCP v1*", dated September 2024, the limitations and assumptions of the study are described, which have been reviewed and accepted by the verification team. ARATUBO has developed its own methodology, which is based on the product footprint information of all its suppliers in various geographies. These footprints are obtained either from direct supplier information, or from EPDs published by such suppliers or from their sustainability reports; in some cases, it has been based on current literature. This allows ARATUBO to calculate an average footprint for each type of tube (pickled, cold rolled and galvanized) to calculate the specific footprint of each customer knowing the origin of the raw materials (low carbon steel coils) used in that batch. The study covers all shapes (square, oval, round, rectangular, semi-oval tube), thicknesses (0.7 mm to 4 mm), lengths (up to 8,500 mm) and diameters (9.8 mm. to 88.9 mm.). <https://www.aratubo.com/es/tubos-de-acero-de-precision/gama-de-productos/>

### Materiality

The integrity of the data has been verified in terms of including all GHG emissions from each source, up to covering all sources whose emissions contribute significantly to the carbon footprint (any contribution greater than 1% of the total carbon footprint). and at least 99% of total emissions)

**Criteria**

The reference requirements for the preparation of the carbon footprint that serves as the basis for the information and data reported in the GHG Statement are:

- Standard UNE-EN ISO 14067:2019 "Greenhouse gases – Carbon footprint of products –Requirements and guidelines for quantification"
- Report developed by ARATUBO for the unit declared for its activities in Spain 2023

As part of the verification process, DNV:

- Gained an understanding of the systems used to generate, consolidate, and communicate declared unit carbon footprint data
- Gained an understanding of the stated unit process map defined by the organization
- Conducted interviews with relevant people in the organization for the data collection and consolidation processes.
- Had access to specific documents, data and information that ARATUBO made available
- Conducted data reviews and calculations to ensure source coverage, activity data, data collection, and data quality and management process at facility and corporate level.

DNV expressly disclaims any responsibility for decisions, investment or otherwise, based on this statement.

**Opportunities for improvement**

Regarding the carbon footprint product calculation and data collection system, some areas for improvement were detected, corrected by the client.

**Conclusion**

Based on the foregoing, in our opinion there is no evidence to suggest that the information on emissions provided by ARATUBO are not a faithful representation of the emissions of the declared unit.

**Summary of carbon footprint calculated by ARATUBO for the declared unit in the reference period**

Declared unit	Mean Value	Unit
1 ton of steel welded tube		ton. CO2e / ton. tube
- Pickled	2,3640	
- Cold rolled	2,5104	
- Galvanized	2,7874	

**Date and place:**

Barcelona, 2024.09.12

**For issuing office:**

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