

Document of conformity

In a validation audit, the organisation
FRED GmbH

has developed for the steel and aluminium products and individual processes of the supplier industry, a compliant calculation methodology of product-related greenhouse gas balances (product carbon footprint) with the status of 24.04.2023 (v2.0.1) according to the requirements of the standards:

DIN EN ISO 14067

February 2019 issue

GHG Protocol - Product Life Cycle Accounting & Reporting Standard

Issue September 2011

The validation was carried out in accordance with the requirements of ISO 14064-3:2020-05.

The balancing tool fulfils all requirements for the balancing system and the determination of greenhouse gas-relevant information for the calculation of a product carbon footprint following the cradle-to-gate accounting approach according to the above-mentioned standards. The calculation methodology includes the following life cycle stages:

Raw material extraction, pre-production, upstream transport, production, storage and downstream transport.

The emission factors used for the calculation were taken from published information or credible sources. The methodology was checked for suitability and plausibility.

The calculation and documentation of the specific product carbon footprints and the correct application of the calculation methodology is the responsibility of the applying company using the accounting tool FRED for PCF calculation.

The basis of the document is the test report with the number C-23-24935.

Berlin, 24 April 2023



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