



VERIFICATION STATEMENT OF CARBON FOOTPRINT ASSERTIONS

Statement No.:
C644384-2022-AG-TWN-DNV

Issued date:
04 March, 2024

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Chung Hung Steel Corporation Pickling & Galvanizing Department initiate reporting of

Product Carbon Footprint Inventory Management Report (2022)

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by Chung Hung Steel Corporation Pickling & Galvanizing Department to perform a verification of the product carbon footprint assertion of Product Carbon Footprint Management Report (2022) (hereafter the "Inventory Report") in Taiwan, ROC with respect to the following area: 24, Yen Hai 3rd Rd., Hsiao Kang District, Kaohsiung City, Taiwan, R.O.C.

Verification Criteria

The verification was performed on the basis of ISO 14067:2018, as well as PCR for Carbon Steel and Carbon Steel Products, EPD, draft, V.2, 2023, given to provide for consistent GHG emission identification, calculation, monitoring and reporting.

Verification Statement

It is DNV's opinion that the reliability of the information within the Report for site-specific data was verified with a reasonable assurance. We conclude that no systematic errors were detected which causes us to believe that the specified data presented in the Inventory Report of 17 Jan. 2024 is not reliable in accordance with ISO 14067:2018 and PCR for Carbon Steel and Carbon Steel Products, EPD, draft, V.2, 2023.

Chun-Nan Lin
GHG Verifier

Place and date:
Taipei, 04 March, 2024

For the issuing office:
DNV Business Assurance Co., Ltd.
29Fl., No. 293, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City 220,
Taiwan

Management Representative

Supplement to Statement

Process and Methodology

The reviews of the Inventory Report and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria. The Inventory Report correctly complies with the requirement of ISO 14067:2018 and PCR for Carbon Steel and Carbon Steel Products, EPD, draft, V.2, 2023.

Quantification of Carbon Footprint Emission

The Inventory Report covering the period January 1, 2022 to December 31, 2022. Commercial LCA databases were applied for calculating life-cycle carbon emission factors. It is DNV's opinion that the Inventory Report results in quantification of Carbon Footprint that are real, transparent and measurable.

System Boundary of Verification

cradle-to-gate

Declared Unit

Per Ton Hot Rolled Pickled and Oiled Steel Coil

Carbon Footprint Verified

kgCO _{2e} / Ton	Hot Rolled Pickled and Oiled Steel Coil
Supplier Phase	2,281.861
Manufacturing Phase	33.963
Total	2,315.824

Carbon Footprint of by-products Verified

kgCO _{2e} / Ton	Regenerated hydrochloric acid, 18%	Iron oxide powder
Supplier Phase	0.004	6.295
Manufacturing Phase	117.641	652.787
Total	117.644	659.082

Verification Opinion

Verified without Qualification