



CARBON FOOTPRINT OF PRODUCTS (CFP) STATEMENT OF VERIFICATION

Project number: 4790454470

Issue Date: 6/29/2023

Period of Validity: 3 Years

UL has assessed the Carbon Footprint of Products (CFPs) for **POSCO(ZHANGJIAGANG) STAINLESS STEEL Co.,LTD**

For the time period July 2021 to June 2022 in accordance to ISO 14064 Part 3: 2019. POSCO(Zhangjiagang) Stainless Steel Co.,Ltd CFP Statement has been verified to meet the requirements of ISO 14067:2018 and that there is no evidence that the CFP statement:

- Is not materially correct
- Is not a fair representation of CFP data and information
- Has not been prepared in accordance with the Criteria

July 2021 to June 2022

Indicator	Unit	Cold rolled steel coil	304EF steel	316LEF steel	301EF steel
Total net GHG emissions/removals	kg CO ₂ e per tonne product	6,290	2,620	5,000	3,340
Net fossil GHG emissions/removals	kg CO ₂ e per tonne product	6,280	2,610	4,990	3,330
Net biogenic GHG emissions/removals	kg CO ₂ e per tonne product	8.59	1.92	6.25	3.31
Net direct land use change (dLUC) GHG emissions/removals	kg CO ₂ e per tonne product	4.32	0.759	3.37	1.44

*Numerical results are rounded to three significant digits.

In addition, benefits beyond the system boundary were considered in the study to align with methods developed by the World Steel Association. Though ISO 14067 does not have a concept of calculating benefits beyond the system boundary, the methods used were aligned with the worldsteel methodology. Potential benefits from future recycling of the steel products were calculated as -846 kg CO₂e/tonne (cold rolled steel coil), -18 kg CO₂e/tonne (304EF), -171 kg CO₂e/tonne (316LEF), and -210 kg CO₂e/tonne (301EF).

Authorized by:

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UL performs Carbon Footprint of Products (CFP) Verification in accordance with ISO 14064 Part 3:2019. Greenhouse Gases: Specification with guidance for the verification and validation of greenhouse gas statements. UL applies a risk-based approach to CFP Verification that incorporates an investigation of the inherent and control risks associated with CFP reporting. UL's verification approach includes but is not limited to the collection and analysis of:

- Qualitative data through the engagement of management.
- Quantitative data through receipt of data files from information management systems.
- Quantitative data through the reference and knowledge of secondary life cycle inventory databases

