

Product Carbon Footprint (PCF) Verification Statement

The organization

Henan Mingtai Aluminium Industry Co., Ltd.

Development Zone, Huiguo Town, Gongyi City, Henan
Province, P.R. China

Factory Address: Development Zone, Huiguo Town, Gongyi City, Henan
Province, P.R. China

Report

3003 coil and strip PCF Report

Product / Functional Unit (FU)

**Greenhouse gas emissions of 3003 coil and strip from
cradle to gate are 4.2016 ton CO_{2e} per 1 ton unit**

The PCF calculation and report provided by the mentioned organization have been verified by
SGS as comply for ISO 14040:2006 Environmental management - Life cycle assessment –
Principles and framework, ISO 14044:2006 Life Cycle Assessment – Requirements and
Guidelines, ISO 14067:2018 Greenhouse gases – Carbon footprint of products –
Requirements and guidelines for quantification and communication.

This verification is based on the report and supporting materials submitted by above
Organization on September 15, 2022, details please refer to report:
2022/PCFV/C/0717



Signed by

Issue Date: 12/12/2022
Green Product Service
Voluntary Certification Centre

SGS-CSTC Standards Technical Services Co., Ltd.
15F, No.900, Yishan Road, Xuhui District, Shanghai, China 200233
t + 86 (0)21 6140 2666 f + 86 (0)21 6115 2359 www.sgsgroup.com.cn



3003 coil and strip PCF Report

Product / Functional Unit (FU)

Greenhouse gas emissions of 3003 coil and strip from cradle to gate are 4.2016 ton CO₂e per 1 ton unit

Information is summarized as follow:

Name of Applicant:	Henan Mingtai Aluminium Industry Co., Ltd.
Address of Applicant:	Development Zone, Huiguo Town, Gongyi City, Henan Province, P.R. China
Address of Factory:	Development Zone, Huiguo Town, Gongyi City, Henan Province, P.R. China
Product Description:	Good formability, corrosion resistance and formability; Typical application: housing case for cell phone battery and power battery, etc.
Data Collection:	The PCF calculation and report provided by the mentioned organization based on the data collected from January 2021 to December 2021 have been verified by SGS.
Calculation Approach:	The calculation has been verified by SGS as comply for ISO 14040:2006 Environmental management - Life cycle assessment - Principles and framework, ISO 14044:2006 Life Cycle Assessment - Requirements and Guidelines, and ISO 14067:2018 Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification and communication.
System Boundary:	The calculation has been verified by SGS as in accordance with Life Cycle Assessment principles. The carbon footprint calculation results of cradle-to-gate are shown in this summary.
Greenhouse Gas Calculated:	Carbon dioxide equivalent value on the basis of their per unit radiative forcing using 100-year global warming potentials defined by the Intergovernmental Panel on Climate Change (IPCC 2021, Table 7.SM.7). Green House Gas is listed in IPCC 2021, Table 7.SM.7.
SGS Report:	SGS/RMSC/2022/PCFV/C/0717.



Signature

Chris Chen

Issue Date: 12/12/2022
Green Product Service
Voluntary Certification Centre