

EN/RMSC/PCFV/2022/07/017

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 CO₂e 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

Chris Chen

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

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EN/RMSC/PCFV/2022/07/017, continued

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 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

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