

# bsi. Opinion Statement



## Product Carbon Footprint Verification Opinion Statement

This is to verify that: C.S.ALUMINIUM CORPORATION  
No. 17, Tung Lin Road  
Hsiao Kang  
Kaohsiung  
Taiwan  
Republic of China

中鋼鋁業股份有限公司  
台灣  
高雄市  
小港區  
東林路 17 號

Holds Statement No: PCFV 081  
[Verification opinion statement](#)

As a result of carrying out the verification of product life cycle greenhouse gas emissions, it is the opinion of BSI with reasonable assurance that:

- The product carbon footprint with the functional unit of each tonne Aluminum coil for can end (Type:5182) (5182 罐蓋料鋁捲) is 13.12 tonnes of CO<sub>2</sub> equivalent.
- No material misstatements in this product life cycle greenhouse gas emission assertion (2011) were revealed.

The product life cycle GHG data quality was verified to be acceptable against the requirements of PAS 2050:2011.

This statement shall be valid for a maximum period of two years after the latest issue date on this certificate. Should there be a change in the life cycle of the product whose GHG emissions are being assessed, the validity of this opinion statement will cease.

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

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Location

Verification Information

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The product carbon footprint with the functional unit of each tonne Aluminum coil for can end (Type:5182) (5182 罐蓋料鋁捲) is 13.12 tonnes of CO<sub>2</sub> equivalent.

#### Additional information

Product related information is as follows:

- System boundary for this product: Cradle to Gate.
- The product system boundary is consistent with the PCR (PCR BASIC MODULE CPC Division 41 BASIC METALS VERSION 1.0 DATED 2010-11-30), which involves the acquisition of raw material, process activities, transportation, in the product life cycle.
- The data in this product life cycle greenhouse gas inventory report is from 01 January 2011 to 31 December 2011.
- The primary activity data includes related facilities from its own operations.
- The secondary data include relative factors from public sources and LCA software GaBi 4.4.142.1.

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