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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 47064-2026

**Greenhouse gases - Quantification requirements and method
for the carbon footprint of products - Iron and steel products**

温室气体 产品碳足迹量化方法与要求 钢铁产品

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the China Iron and Steel Association. This document was prepared by the National Technical Committee on Steel Standardization (SAC/TC183) and the National Technical Committee on Carbon Emission Management Standardization. (SAC/TC548) jointly under the jurisdiction of the State Administration of Taxation. This document was drafted by: China Metallurgical Engineering & Technology Co., Ltd., Baotou Steel (Group) Co., Ltd., and Beijing Shougang Group Co., Ltd. Limited Liability Company, Baoshan Iron & Steel Co., Ltd., Jiangyin Xingcheng Special Steel Co., Ltd., Panzhihua Iron & Steel Group Xichang Steel & Vanadium Co., Ltd., Steel Research Institute Inspection Certification (Beijing) Co., Ltd., Metallurgical Industry Information and Standardization Research Institute, China Automotive Engineering Research Institute Co., Ltd., China Classification Society Quality Certification Co., Ltd., Baogang Group Mining Research Institute (Limited Liability Company), Beijing Yingtan Technology Development Co., Ltd., Beijing Longyuan Weide Energy Technology Co., Ltd., Wuxi Putian Iron Core Co., Ltd., Rizhao Iron & Steel Holding Group Co., Ltd., Hubei Jinshenglan Metallurgical Group Co., Ltd. Company, Daye Special Steel Co., Ltd., China International Engineering Consulting Corporation, National Energy Conservation Center. The main drafters of this document are. Lü Shuang, Yang Yun, Yu Jingyao, Wang Shengping, Du Bin, Su Dan, Chen Jian, Hu Ling, Cai Jun, Quan Kui, Huang Yun, and Luo Jing. Qiu Jinhui, Qian Xiwen, Zhang Ruopeng, Chu Guanrun, Yang Shizhi, Jia Junwei, Miao Haitao, Yue Yong, Wang Xiangyang, Xie Jibiao, Guo Xueyu, Yang Chunying, Zhao Mengjing Kong Daming, Ban Hua, Liu Cong, Huang Jinhua, Feng Zhiwei, Huang Chu, Zhang Hailong, Wang Jiangwei, Zhang Yuanchun, Yang Kun, Wang Zhigang, Dong Suoyuan, Wu Wenping, Xue Hui, Wang Gang, Guo Dengpo, Deng Ling, Zhang Shangxuan, Cao Xiaoming, Zhang Yugong, Chen Si, Li Peng, Zheng Jun, Zhu Chuanpeng, Wu Nianqi, Lu Shufang, Li Ziming, Liu Dongdong Zhang Qi, Liu Lu, Fang Gang, Xia Dongrui, Wu Dan, Gao Yuan, Yi Weiwei, Li Bo, Zhao Hong. Methods and requirements for quantifying the

carbon footprint of greenhouse gas products steel products

1 Scope

GB/T 47064-2026 is the Chinese national standard covering the carbon footprint of a steel product - the boundary between blast furnace and electric arc routes, the allocation between the many products of an integrated works, the scrap accounting and the purchased electricity. It is the number a European buyer will be asking for under the carbon border adjustment. First edition. It was issued on 28 January 2026 and has been in force since 1 August 2026, as a first edition. The document is under the responsibility of the China Iron and Steel Association. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document establishes the principles and procedures for quantifying the carbon footprint of steel products, and specifies the objectives, target products and scope of the work. Requirements for product carbon footprint inventory analysis, product carbon footprint evaluation and reporting, and product carbon footprint information exchange. This document applies to the quantification and information exchange of the carbon footprint of steel products, as well as the management of the carbon footprint of steel products by steel enterprises.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. document.

GB/T 24025 Environmental Labelling and Declarations Type III Environmental Declaration Principles and Procedures

GB/T 24040 Principles and Framework for Environmental Management Life Cycle Assessment

GB/T 24044 Requirements and Guidelines for Environmental Management Life Cycle Assessment

GB/T 24067 Requirements and Guidelines for Quantifying the Carbon Footprint of Greenhouse Gas Products

GB/T 32150 General Rules for Greenhouse Gas Emission Accounting and Reporting by Industrial Enterprises

3 Terms and Definitions

The terms and definitions defined in GB/T 24025, GB/T 24040, GB/T 24044, GB/T 24067 and GB/T 32150, as well as the following terms and definitions, shall apply. Used in this document.

3.1 steelco-products Two or more products produced in the same process unit or product system during steel production. [Source: GB/T 24044-2008, 3.10, with modifications]

3.2 The sum of greenhouse gas emissions and greenhouse gas removal in the product system.

Note. The product carbon footprint mentioned in this document refers to the carbon footprint of a product from raw material extraction to product output, expressed in carbon dioxide equivalents, and based on climate change. Life cycle assessment is conducted for this single environmental impact type. [Source: GB/T 24067-2024, 3.1.1, with modifications]

3.3 declared unit A benchmark unit used to quantify a portion of a product's carbon footprint. Example. Mass (1 ton of steel products). [Source: GB/T 24067-2024, 3.3.8, with modifications]