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

GB 32047-2025

Replacing GB 32047-2015

Norm of energy consumption per unit production of beer

啤酒单位产品能源消耗限额

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB 32047-2015 "Limits of energy consumption per unit product of beer". Compared with GB 32047-2015, in addition to the structural adjustment In addition to editorial changes, the main technical changes are as follows:

- a) The scope of application of the standard has been changed (see Chapter 1, Chapter 1 of the.2015 edition);
- b) The definitions of the terms "comprehensive energy consumption of beer products" and "comprehensive energy consumption per unit of beer product" have been changed (see 3.1, 3.2,.2015 edition). 3.1, 3.2);
- c) Added energy consumption limit levels (see Chapter 4);
- d) The technical requirements have been changed (see Chapter 5, Chapter 4 of the.2015 edition);
- e) Added provisions for energy metering instruments (see 6.1.7);
- f) "Energy-saving Management and Measures" has been deleted (see Chapter 6 of the.2015 edition). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the National Standardization Administration. This document was first published in.2015 and this is the first revision. Energy consumption limit per unit of beer product

1 Scope

GB 32047-2025 is the Chinese national standard on norm of energy consumption per unit production of beer, in the field of energy and heat transfer engineering. It carries no /T

suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 24 January 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 August 2026. Classification: ICS 27.010, CCS F01. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the limit levels, technical requirements, statistical scope and calculation method for energy consumption per unit product of beer (hereinafter referred to as energy consumption). This document applies to the calculation and assessment of energy consumption of beer (excluding workshop beer) production enterprises and the energy consumption of new construction and expansion projects. control.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 213 Method for determination of calorific value of coal

GB/T 384 Determination of calorific value of petroleum products

GB/T 2589 General rules for comprehensive energy consumption calculation GB/T 4927 Beer

GB/T 12723 General rules for the compilation of energy consumption limits per unit product

GB 17167 General rules for the allocation and management of energy metering instruments in energy-consuming units

3 Terms and definitions

The terms and definitions defined in GB/T 2589 and GB/T 12723 and the following apply to this document.

3.1 During the statistical reporting period, the actual amount of various energy consumed in the production of beer products, converted according to the prescribed calculation method and units, sum.

3.2 The ratio of comprehensive energy consumption of beer products to the output of qualified beer products during the statistical reporting period.

4 Energy consumption limit levels

The energy consumption limit levels of beer should comply with the provisions in Table 1, among which Level 1 has the lowest energy consumption. Table

1 Beer energy consumption limit levels The unit is kilograms of standard coal per thousand liters Comprehensive energy consumption per unit of beer product Level