

ICS 67.260
CCS X99



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

GB/T 10645-2023

Replacing GB/T 10645-2008

**Classification and method for type compilation of electric
heating food ovens**

电热食品烤炉分类和型号编制方法

Issued on: November 27, 2023

Implemented on: June 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Category	1
5 Reference	6

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: This document replaces GB/T 10645-2008 "Electric Food Oven Model Preparation Method" and GB/T 10646-2008 "Electric Food Oven Model Preparation Method" Furnace type and main parameters": This document is mainly based on GB/T 10645-2008, integrating the contents of GB/T 10646-2008, and Compared with GB/T 10645-2008 and GB/T 10646-2008, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

---Changed the scope of application of the document (see Chapter 1, Chapter 1 of GB/T 10645-2008);

---Changed the definitions of some terms (see 3:2, 3:4, 3:5, 3:2, 3:4, 3:5 of GB/T 10645-2008);

--- Added a description of "box oven" in "commercial oven" (see 4:1:2);

---Added a description of "tunnel oven" in "industrial oven" (see 4:2:4);

---Changed the provisions of "Specification Code" in "Model Preparation Method" (see 5:3, 4:2 of GB/T 10645-2008);

---Added the type codes of "rotary furnace, windmill furnace, forced convection furnace" (see Table 1);

---Change the content of "Main Parameters" to an informative appendix (see Appendix A, Chapter 5 of GB/T 10646-2008): Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed by China Light Industry Federation: This document is under the jurisdiction of the National Technical Committee for Standardization of Food Processing Equipment (SAC/TC383): This document was drafted by: Beijing Service Machinery Research Institute Co., Ltd., Guangzhou Saisida Machinery Equipment Co.,

Ltd., Guangdong Henglian Food Pin Machinery Co., Ltd., Shandong Lubao Kitchen Industry Co., Ltd., Guangzhou Hongling Electric Heating Equipment Co., Ltd., Guangdong Hongfeng Baking Equipment Co., Ltd. Division, Shenzhen Haiyi Electric Co., Ltd., Jiangsu Datang Electric Manufacturing Co., Ltd. The main drafters of this document: Liu Xu, Tang Hongzhao, Xu Bisheng, Fan Peijian, Li Bingliang, Shi Difeng, Guo Shijun, and Tang Wei: The previous versions of this document and the documents it replaces are as follows:

---First published as GB/T 10645-1989 in 1989, first revised in:2008;

---First published as GB/T 10646-1989 in 1989, first revised in:2008;

---This is the second revision and incorporates the contents of GB/T 10646-2008:

Classification and model compilation method of electric food ovens

1 Scope

GB/T 10645-2023 is the Chinese national standard on classification and method for type compilation of electric heating food ovens, in the field of food technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 27 November 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 June 2024. Classification: ICS 67.260, CCS X99. 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 defines the classification of electric food oven products and provides a model compilation method: This document applies to the production, sales, scientific research, teaching and other related fields of electric food oven products:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 10644 Electric food oven

3 Terms and definitions

The terms and definitions defined in GB/T 10644 and the following apply to this document:

3:

1 The code name of the enterprise (trademark) name: 3:

2 Specification code code of specification The code name for the rated input power of an electric food oven: 3:3 type code code of type The code name for the classification of electric food ovens: 3:

4 The design sequence number or improved sequence number of electric food ovens with the same enterprise (trademark) code, specification code, and type code: 3:

5 The main parameters, features, series, etc: of electric food ovens need to be distinguished by codes:

Note: See Appendix A for the main parameters of the electric food oven:

4 Categories

1 Commercial ovens 4:1:

1 Hot blast stoves, including box-type hot blast stoves and rotating hot blast stoves: 4:1:

2 Box-type ovens, including electric ovens, layered ovens (layered ovens), and electric baking ovens: 4:1:

3 Rotary furnace, also known as vertical rotary furnace: