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

GB/T 10067.44-2014

**Basic specifications for electroheat installations-Part 44:
Box-type resistance furnaces**

电热装置基本技术条件 第44部分：箱式电阻炉

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Foreword

GB/T 10067 "Basic electric device technical conditions" existing 19 sections.

- Part 1. Common part;
- Part 2. Arc heating device;
- Part 3. induction electric device;
- Part 31. IF coreless induction furnace;
- Part 32. voltage-frequency multi-station frequency coreless induction furnace complete sets of equipment;
- Part 33. frequency coreless induction melting Tonglu;
- Part 4. Indirect resistance furnaces;

- Part 41. network with resistance heating unit;
- Part 42. Push resistance heating unit;
- Part 43. Forced convection Pit resistance furnace;
- Part 44. Box-type resistance furnace;
- Part 45. vacuum hardening furnace;
- Part 46. Bell-type resistance furnace;

1 Scope

GB/T 10067.44-2014 is the Chinese national standard on basic specifications for electroheat installations-part 44: box-type resistance furnaces, in the field of manufacturing engineering. 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 6 May 2014 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 22 January 2015. Classification: ICS 25.180.10, CCS K61. 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.

GB/T 10067 provisions of this part of the various types of indirect box-type resistance furnace (hereinafter referred to as "box-type furnace") product classification, general technology to Requirements, test methods, inspection rules, marking, packaging, transportation, storage, and ordering and delivery and so on. This section applies to the natural atmosphere and controlled atmosphere, various types of industrial temperature rating in the range of 100 °C ~ 1500 °C with a box furnace, the main To be used for heating and heat treatment. This section does not apply to RM series box-type quenching furnace. This section does not apply to experiments and household electric appliances and similar purposes.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2900.23-2008 Electrotechnical terminology industrial electric equipment

GB 5959.4-2008 Safety of electric devices - Part 4. Particular requirements for resistance

heating furnace apparatus

GB 5959.13-2008 Safety of electric devices - Part 13. Electric apparatus for explosive atmosphere of special requirements

GB/T 10066.1-2004 Test methods for electroheat installations - Part 1. General section

GB/T 10066.4-2004 Test methods for electric equipment - Part 4. Indirect resistance furnaces

GB/T 10067.1-2005 basic technical conditions for electric devices - Part 1. General section

GB/T 10067.4-2005 Electric equipment basic technical conditions - Part 4. Indirect resistance furnaces

JB/T 9691-1999 Heating Equipment Model methodology

3 Terms and Definitions

GB/T 2900.23-2008, terms and definitions GB/T 10066.4-2004 defined apply to this document.

4 Products

4.1 General Requirements Box furnace product standards should be GB/T 10067.1-2005 Chapter 4, according to the type of product structure, the atmosphere, the maximum operating Temperature and other classified establishment.

4.2 varieties and specifications

4.2.1 Model preparation chamber furnaces shall comply with JB/T 9691-1999 of.

4.2.2 box furnace by the furnace atmosphere and the maximum operating temperature is divided into a number of varieties, classified in Table 1.