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

GB/T 10067.8-2016

**Basic specifications for electroheat installations - Part 8:
Electroslag remelting furnaces**

电热装置基本技术条件 第8部分：电渣重熔炉

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Products

Foreword

GB/T 10067 "Basic electric device technical conditions" existing 23 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 34. Transistor high frequency induction heating apparatus (This approval);
- 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;

1 Scope

GB/T 10067.8-2016 is the Chinese national standard on basic specifications for electroheat installations - part 8: electrosag remelting 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 24 February 2016 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 1 September 2016. 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 ESR furnace product classification, technical requirements, test methods, inspection rules and technical grading, marking, packaging, transport and storage ordering and delivery and so on. This section applies to all forms of ESR furnaces.

2 Normative references

The following documents for the application of this document is essential. For cited documents with dates, only the dated edition applies to this document. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2900.23-2008 Electrotechnical terminology Industrial Heating Equipment

GB 5959.1-2005 Safety of electric devices - Part 1. General requirements Safety - Part 8

GB 5959.8-2007 electric apparatus. Particular requirements for electroslag remelting furnaces

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

GB/T 10066.8-2006 electric installations - Part 8. ESR furnaces

GB/T 10066.10-2005 test methods for electric installations - Part 10. Direct electric arc furnace

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

GB/T 14549-1993 power quality utility grid harmonic

GB/T 15543-2008 power quality three-phase voltage unbalance

JB/T 9691-1999 Heating Equipment Model methodology

JB/T 10358-2002 industrial electric equipment water-cooled cables

3 Terms and Definitions

GB/T 2900.23-2008, terms and definitions GB 5959.8-2007 and GB/T 10066.8-2006 defined apply to this document.

4 Products

4.1 Model Remelting furnace product model shall JB/T 9691-1999 prepared.

4.2 The main parameters Remelting furnace product standards in general, should be listed in the following main parameters.

- a) transformer rated capacity, kVA;
- b) primary voltage, kV;