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

GB/T 10067.36-2021

**Basic specification for electroheating and electromagnetic
processing installations - Part 36: Induction through-heating
installations**

电热和电磁处理装置基本技术条件 第36部分：感应透热装置

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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 of Standardization Documents" Drafting. This document is part 36 of GB/T 10067 "Basic Technical Conditions for Electric Heating and Electromagnetic Processing Devices". GB/T 10067 has been released The following parts.

2. Arc heating device;

21. Large-scale AC electric arc furnace;

3. Induction electric heating device;

31. Intermediate frequency centerless induction furnace;

32. Voltage type frequency conversion multiple intermediate frequency centerless induction furnace complete set;

- 33.Power frequency centerless induction copper melting furnace;
- 34.Transistor type high frequency induction heating device;
- 35.Intermediate Frequency Vacuum Induction Melting Furnace;
- 36.Induction diathermy device;
- 4.Indirect resistance furnace;
- 41.Mesh belt resistance heating unit;
- 42.Push-type resistance heating unit;

1 Scope

GB/T 10067.36-2021 is the Chinese national standard on basic specification for electroheating and electromagnetic processing installations - part 36: induction through-heating installations, 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 21 May 2021 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2021. 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.

This document specifies the product classification, technical requirements, test methods, inspection rules, markings, packaging, transportation, and storage of induction diathermy devices. And order and supply. This document is applicable to the working frequency of low frequency, power frequency or intermediate frequency (up to 100kHz), for subsequent hot forming (such as forging, extrusion and rolling) Etc.) and an induction heating device that conducts overall or partial heat transfer of metal blanks or workpieces. Induction heating devices for heat treatment and other purposes And superconducting DC induction diathermy device can also be implemented by reference.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to This document.

GB/T 5959.1 Safety of Electric Heating and Electromagnetic Processing Equipment Part

3 Induction electric heating devices

JB/T 9691-1999 Electric heating equipment product model compilation method

3 Terms, definitions and abbreviations The terms, definitions and abbreviations defined in GB/T 10066.32-2021 apply to this document.

4 Product Classification

4.1 Varieties and specifications Induction diathermy device can be divided into intermittent heating type, multi-stage heating type and continuous heating type according to the heating method; it can also be divided according to the material of the blank Induction diathermy devices such as steel, copper and aluminum. The induction diathermy device is divided into multiple specifications according to the size of the diathermic billet.

4.2 Product model The product model of the induction diathermy device should comply with the regulations of JB/T 9691-1999 and consist of the following parts.