

ICS 27.010

CCS F01



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

GB/T 10201-2008

Replacing GB/T 10201-1988

**Regulations of proper usage of electricity in heat treatment
industry**

热处理合理用电导则

Issued on: June 19, 2008

Implemented on: January 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

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

Foreword

This standard replaces GB/T 10201-1988 "Heat Treatment Guidelines for rational use of electricity." This standard compared with GB/T 10201-1988, with the following modifications and additions.

- Specification standard English name;
- Specification standard "cover";
- Added "foreword";
- Again gives the "scope" of the content;
- Standardized "Normative references" the key words, an increase of normative references (see Chapter 2);
- Standardized "terms and definitions" content, and an increase of 3.3 "thermal efficiency" of the content;
- Add, modify some content omitted selection and GB /Z18718-2002 repeated heat treatment process, simplified And revision of GB/T 17358 duplicate content related to the heat treatment process energy consumption quota (see Section 4,5,6,7 chapter). increased Strengthen energy-saving heat treatment production content management. This standard by the National Development and Reform Commission Resources and Environmental Protection Division, the National Standardization Management Committee a proposed industry standard. This standard by the National Standardization Technical Committee for Energy and Management (SAC/TC20) centralized. This standard is mainly drafted by: East of Jiangsu Feng Technology Co., Ltd., Guangdong Siltronic Metal Technology Co., Aichelin heat treatment Systems (Beijing) Co., Ltd., Xi'an Institute of Heat Treatment, Institute of Electrical and Beijing, Chinese Mechanical Engineering Society branch heat treatment. The main drafters of this standard. FAN Dong-li, the Jianhua, Dong Xiaohong, Xu Yueming, Yanhan Qi, Yang Hongfei, Su Yuhui, Malan, king west, High Xiaoxia. This standard replaces the standards previously issued as follows:
- GB/T 10201-1988. Heat Treatment Guidelines for rational use of electricity

1 Scope

GB/T 10201-2008 is the Chinese national standard on regulations of proper usage of electricity in heat treatment industry, in the field of energy and heat transfer 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 19 June 2008 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 January 2009. 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 standard specifies the production of heat treatment and reasonable electricity matters. This standard applies to professional heat treatment plants and machinery, metallurgy and heat treatment plant and other enterprises, workshops, and the production line section of electronically Energy heat treatment equipment.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 156 standard voltage

GB 4824 industrial, scientific and medical (ISM) radio-frequency equipment -
Electromagnetic disturbance characteristics - Limits and methods of measurement

GB/T 5623 product development and management of power consumption quota guidelines

GB/T 7232 metal heat treatment Determination of

GB/T 9452 heat treating furnace zone

GB/T 10066.4 Test methods for electroheat installations - Part 4. Indirect resistance
furnaces

GB/T 10067.1 electric equipment basic technical conditions - Part 1. General section

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

GB/T 12603 Classification and designation on metal heat treatment

GB/T 13324 term heat treatment equipment

GB/T 15318 Industrial heat treatment furnace energy monitoring method

GB 15735 metal heat treatment production process safety and health requirements

GB/T 17358 power consumption heat treatment production quota and its counting and measuring method GB /Z18718 Heat Treatment Guidelines for energy-saving technology

3 Terms and Definitions

GB/T 156, GB/T 7232, GB/T 12603, GB/T 13324, GB/T 17358, GB /Z18718 established and following surgery Terms and definitions apply to this standard.