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

GB/T 2900.23-2008

Replacing GB/T 2900.23-1995

Electrotechnical terminology -- Industrial electro-heat

电工术语 工业电热装置

(English Translation)

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Foreword

This section GB/T 2900 Part 23.

This section identical with IEC 60050-841:2004 "International Electrotechnical Vocabulary - Part 841 electric industry." the term item number in this section and IEC 60050-841:2004 consistent.

This Part replaces GB/T 2900.23-1995 "Electrotechnical Terminology Industrial electric equipment." this section compared with the GB/T 2900.23-1995, standard large structural change, delete some terms, we added some new terminology.

This part of the National Electrotechnical Terminology Standardization Technical Committee (SAC/TC232) proposed.

This part of the National Electrotechnical Terminology Standardization Technical Committee and the National Electric Industry Standardization Technical Committee centralized common equipment.

This section is drafted. Xi'an Institute Furnace Co., Ltd. Mechanical Engineering Research Institute of Machine Productivity Promotion Center, University of Electronic Science and Technology College of Physical Electronics, Tianjin University, Chinese Academy of Sciences Institute of Plasma Physics.

1 Scope

This section provides the industry with an electric field of technical terms and definitions.

This section applies to an electric field of technology industry standards, technical documents, professional preparation and translation of manuals, textbooks or books, for from Personnel departments of production, scientific research, teaching and the use of professional work and other things electricians use.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 2900.25-1994 Electrotechnical terminology rotary motor (neq IEC 60050-411:1996)
 GB/T 2900.60-2002 Electrotechnical terminology electromagnetics (eqv IEC 60050-121:1998)
 GB/T 2900.61-2002 Electrotechnical terminology physical and chemical (mod IEC 60050-111:1996)
 GB/T 2900.65-2004 Electrotechnical terminology lighting (IEC 60050-845:1987, MOD)
 GB/T 2900.66-2004 Electrotechnical terminology Semiconductor devices and integrated circuits (IEC 60050-521:2002, IDT)
 GB/T 4597-1996 words tube (mod IEC 60050-531:1974)
 GB/T 13811-2003 Electrotechnical terminology superconductivity (IEC 60050-815:2000, MOD)
 GB/T 14733.2 term telecommunications transmission lines and waveguides (GB/T 14733.2-1993, idt IEC 60050-726:1982)
 GB/T 14733.12-1993 term telecommunications optical fiber communication IEC 60050-151:2001
 International Electrotechnical Vocabulary - Part 151 electrical and magnetic devices

3 Terms and Definitions

3.1

on heat and electrical energy is converted into heat in the general concept 841-21-01 each point temperature can be given space.

841-21-02

Given time its temperature is the same for each point on the surface.

841-21-03

In a direction perpendicular to the surface of the isothermal temperature difference quotient distance.

841-21-04

When matter and electromagnetic energy are not across the boundary of the physical system, increasing the total energy of the system and the work done on the system of difference.

[GB/T 2900.61-2002,111-13-35]

Note 1: How to change based on the arrival of heat from one state to another state, and when it is not caused by other changes can only be partially converted into work.

Note 2: Heat can cause an increase in energy and particle motion or other effects related to the phase transition and the like.

GB/T 2900.23-2008/IEC 60050-841:2004