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

GB/T 14093.4-2009

Replacing GB/T 14093.4-1993

**Environmental technology requirements of machinery products
for the industry - Corrosion environments**

机械产品环境技术要求 工业腐蚀环境

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Foreword

GB/T 14093 "Environmental technical requirements of machinery products" includes the following seven sections.

--- GB/T 14093.1 Environmental technical requirements of machinery products hot and humid environment

--- GB/T 14093.2 Environmental technical requirements of machinery products cold environment

--- GB/T 14093.3 Environmental technical requirements of machinery products high altitude environment

--- GB/T 14093.4 Environmental technical requirements of machinery products for the industrial corrosion environment

--- GB/T 14093.5 Environmental technical requirements of machinery products dry heat environment

--- GB/T 14093.6 Environmental technical requirements of machinery products Marine Environment

--- GB/T 14093.7 Environmental technical requirements of machinery products mine environment This section GB/T Part of 414,093. This Part replaces GB/T 14093.4-1993 "Environmental technical requirements of machinery products industry corrosive atmospheres." Section compared with the GB/T 14093.4-1993, major changes in the following.

--- According to GB/T 1.1-2000 "Standardization Guide Part 1. Structure and rules are written standard" requirements of the grid layout The formula has been modified;

--- "This standard" to "this Part";

--- A reference to the standard has been updated. This section of the Appendix A, Appendix B, Appendix C are informative appendices. This part of the National Electrical and

Electronic Products Environmental conditions and environmental tests for Standardization Technical Committee (SAC/TC8) and focal points. This section is drafted. Guangzhou Electric Apparatus Research Institute. The main drafters of this section. Wu Xueming, Qiu Yunlin, Liuhua Tang, Xiao Li. This part of the standard replaces the previous editions as. GB/T 14093.4-1993. Environmental technical requirements of machinery products Industrial corrosion environment

1 Scope

GB/T 14093.4-2009 is the Chinese national standard on environmental technology requirements of machinery products for the industry - corrosion environments, in the field of testing. 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 2009 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 November 2009. Classification: ICS 19.020, CCS A21. 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 section provides corrosion environment industrial machinery product protection type and environmental conditions, technical requirements, test methods, inspection regulations Then, signs, packaging, transportation and storage. This section applies to general purpose machinery industrial products GB/T 14092.5 specified environmental conditions of use. Product categories include Internal combustion engines, construction machinery, heavy machinery, material handling equipment, oil and general machinery, electrical products, instruments, machine tools, parts and general And so on. This section does not apply to the presence of explosive material under special environmental conditions and marine, ships, mines, nuclear radiation used in a production environment.

2 Normative references

The following documents contain provisions which, through

GB/T 14093 reference in this text, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 2423.2-2008 Environmental testing for electric and electronic products Part 2. Test

methods Test B. Dry heat (

IEC 60068-2- 2.2007, IDT)

GB/T 2423.3-2006 Environmental testing for electric and electronic products Part 2. Test methods - Test Cab. Damp heat test (

IEC 60068-2-78.2001, IDT)

GB/T 2423.4-2008 Environmental testing for electric and electronic products Part 2. Test methods - Test Db Damp (12h + 12h cycle) (idt IEC 60068-2-30.2005)

GB/T 2423.5-1995 Environmental testing for electric and electronic products Part 2. Test methods Test Ea and guidance. Shock (Idt IEC 60068-2-27. 1987)

GB/T 2423.6-1995 Environmental testing for electric and electronic products Part 2. Test methods - Test Eb and guidance. Bump (Idt IEC 60068-2-29. 1987)

GB/T 2423.10-2008 Environmental testing for electric and electronic products Part 2. Test methods Test Fc. Vibration (sinusoidal) (IEC 60068-2-6.1995, IDT)

GB/T 2423.16-2008 Environmental testing for electric and electronic products Part 2. Test methods Test J and guidance. Mould growth (

IEC 60068-2-10.2005, IDT)

GB/T 2423.17-2008 Environmental testing for electric and electronic products Part 2. Test methods - Test Ka. Salt (

IEC 60068- 2-11. 1981, IDT)