

ICS 19.040
CCS K 04



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

GB/T 2423.26-2008

Replacing GB/T 2423.26-1992

**Environmental testing - Part 2: Test methods - Test Z/BM:
Combined dry heat / low air pressure tests
(English Translation)**

Issued on: December 30, 2008

Implemented on: October 1, 2009

Issued by: Standardization Administration of China

Table of Contents

Introduction	
1 Introduction	
2 Objective	
General Description	2
Test equipment	2
5 Severity levels	
Pretreatment	3
7 Initial detection	
8 3 test conditions	
9 Intermediate detection	
Recovery	10
11 Final inspection	
Information given in the relevant specifications	12
Appendix NA (Informative Appendix) GB/T 2423 standard part	
GB/T 2423.26-2008/IEC 60068-2-41.	

Foreword

GB/T 2423.26 is Part 26 GB/T 2423 standard. Part of the GB/T 2423 standard, see informative Annex NA.

This section is equivalent to using the International Electrotechnical Commission IEC 60068-2-41. 1976 (first edition) "Basic environmental testing procedures - Part 2.

Test Test Z/BM. high temperature/low air pressure tests "(in English) and its amendments 1. 1983. For ease of use, make this part of the following series Series of Review.

--- To be consistent with the new IEC 60068 title name, the title of this section by the name of "Basic environmental testing procedures" to "electrical and electronic Environmental testing ";

--- "IEC 60068-2-41. 1976 this part" was changed to "GB/T 2423.26-2008 this section";

--- Remove the IEC 68-2-41. 1976 Foreword and Preface;

--- Increase the national standard foreword;

--- Increased the list of normative references the introductory phrase of the document; there

is a reference to the correspondence between the national standards with international standards, and changes Order;

--- Increase the informative appendix "GB/T 2423 standard part" (see appendix NA).

This Part replaces GB/T 2423.26-1992 "electric and electronic products environmental testing procedures Test Z/BM. high temperature/low pressure Fully Making Test. " This section compared with the GB/T 2423.26-1992 main changes are as follows.

--- GB/T 2423.26-1992 reference to the International Electrotechnical Commission IEC 60068-2-41. 1976 (first edition) "Basic Environment Test procedures - Part 2. Tests - Test Z/BM. high temperature/low air pressure tests "(in English) and its amendments 1. 1983, this section is tantamount to the adoption;

--- Consistent with IEC original, this section in Figures 1 and 2 to Fig. 1a) and 1b), and placed in the body of the last;

--- Consistent with IEC original format is prepared, this section 4.1.1 and 4.1.2 combined; and 5.1.3 combined 5.1.1,5.1.2 and together; 8.1.1 and 8.1.2 combined;

--- This part is not listed in Table 1 and the temperature, pressure corresponding to the height values, see the relationship between the three specific standards; an increase in mbar the pressure value unit; and changed the last two rows along the row of parameters;

It does not require temperature control during this part --- 8.2.8 pressure.

Appendix NA This section is informative appendix.

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.

1.1 Overview

GB/T 2423 This section is about the thermal and non-thermal test sample temperature (temperature gradient or mutations) and low air pressure tests, see 8.2.2 and 8.2.8.

Purpose of this test is to determine the high-temperature components, equipment and other products encountered in their storage and use - low air pressure environments suitable Atopic.

The comprehensive test is usually only a single test sample used for environmental testing can not reveal the integrated environmental impact. Provisions of this Part Test procedure applies only during the test to achieve a stable temperature of the test sample.

Test methods specified in this standard can only test a heat test sample.

1.2 Low pressure

This test procedure is applicable to pressures greater than 1kPa the pressure test. When the pressure is less than or equal to 1kPa, time to consider the test program Content.

This section does not specify the relationship between height, pressure and temperature. See the special relationship between the three standards.

1.3 Temperature

1.3.1

GB/T 2423.2 guidance regarding the test sample B test test test sample heat radiating and non-application of contrast apply to this section.

Note: The definition of a non-heat test samples according to the GB/T 2421 regulations, not to measure the hottest temperature at low pressure.

1.3.2

GB/T 2423.2 Test B thermal test sample should be tested in the absence of priority forced air circulation in the chamber.

1.4 Normative References

The following documents contain provisions which, through reference to GB/T 2423 to the present, constitute provisions of this section. 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 2421 Environmental testing for electric and electronic products - Part 1. General (GB/T 2421-1999, idt IEC 60068-1. 1988) GB/T 2423.2 Electrical and Electronic Products Environmental Testing Part 2. Test methods Test B. Dry heat (GB/T 2423.2-2008, IEC 68-2-2:2007, IDT) GB/T 2423.21 Environmental testing for electric and electronic products Part 2. Test methods - Test M. Low air pressure (GB/T 2423.21-2008, IEC 68-2-13. 1983, IDT) GB/T 2423.22 Environmental testing for electric and electronic products Part 2. Test methods - Test N. temperature changes (GB/T 2423.22-2002, IEC 68-2-14. 1984, IDT) 1) GB/T 2424.1 electric and electronic products environmental testing high temperature and low temperature tests (GB/T 2424.1-2005, IEC 60068-3-1. 1974, IDT)

1) IEC 60068-2-41 referenced file is not listed in the standard, but the text references, see Note 8.2.2.

GB/T 2424.15 electric and electronic products environmental testing procedures for temperature/low air pressure tests Guide (GB/T 2424.15-2008, IEC 68-3-2. 1976, IDT)

GB/T 2423.26-2008/IEC 60068-2-41. 1976