

ICS 71.040; 31.020
CCS L 04;G04

SN

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

SN/T 2000-2013

Replacing SN/T 2000-2006

**Determination of certain hazardous substances in electrical
and electronic equipment. General guidelines
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: General Administration of Customs

Table of Contents

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

Foreword

SN/T 2000 "electrical and electronic products for hazardous substances detected General", SN/T 2001 "hazardous electrical and electronic products Detecting substance mechanically disjointed ", SN/T 2002" conformity assessment to detect electrical and electronic products for hazardous substances "and other relevant the standard detection methods constitute the test series industry standard electrical and electronic products for hazardous substances.

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

Instead of the standard SN/T 2000-2006 "electrical and electronic products for hazardous substances detected General." this standard compared with SN/T 2000-2006, in addition to editorial changes, the major technical changes are as follows.

- Modify the scope of application (see Chapter 1, Chapter 1 of the 2006 edition);
- Modified "to limit or ban" requirements "restricted" requirement (see Chapters 5 and 6, Chapter 5 and Chapter 6 of the 2006 edition);
- Modify the normative references and the introductory phrase of terms and definitions (see Chapters 2 and 3, 2006 edition of Chapter 2 Chapter 3);
- Increasing the normative references SN/T 2001.1 (see Chapter 2);
- Added "requirements" is defined (see 3.2);
- Remove the "relevant provisions" is defined (see 2006 edition 3.3);
- Modified "conformity assessment" is defined (see 35, 2006 version 3.5.);
- Modify the "screening test" is defined (see 36, 2006 version 3.6.).
- Amend the definition of "exempt unit" (see 310, 2006 edition 3.10.).
- Increase the definition of "electronic components" (see 3.11);

- Delete the definition of "detachable unit" (see the 2006 version 3.11);
- Modify the "relevant provisions" to "requirements" (see Chapter 6, Chapter 7, 8.3.4, 10.2, Figures 4 and 6, 2006, the sixth edition Chapter, Chapter 8, 9.3.3, 11.2 and Figs. 4 and 6);
- Modified "Cr6" as "Cr (VI)" (see Chapter 5, Figure 5, Table 1 and Table 2, 2006, edition of 5, 5, Tables 1 and 2);
- Modify the "ICP-AES" for the "ICP-OES" (see Chapters 4 and Table 2, 2006 edition of Chapters 4 and Table 2);
- Modify the classification of mechanically disjointed object (see 81, 2006 version 9.1.);
- Modified mechanically disjointed processes and mechanical splitting principle (see 8.2 and 83, 2006 edition of 9.2 and 9.3.);
- Increased CV-AFS Acronyms (see Chapter 4);
- Increased combustion ion chromatography (see Chapter 4, Table 1 and Figure 5);
- Delete the words "test series standard structure for hazardous substances" chapters (see 2006 edition of the 7);
- Modify the classification of compliance to be evaluated (see 10.1, 11.1 of the 2006 edition).

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau, People's Republic of China Zhejiang Entry-Exit Inspection and Quarantine Bureau, People's Republic of China Guangdong Entry-Exit Inspection and Quarantine, Ningbo People's Republic of China, People's Republic of China Shanghai Entry-Exit Inspection and Quarantine and Shenzhen People's Republic of China.

Introduction

In order to determine the content of hazardous substances in electrical and electronic products for compliance with the requirements, the need for electrical and electronic products have toxic Harm test series standard substance.

Toxic and harmful substances standard test series will include four parts. General, mechanical separation, chemical analysis and conformity assessment.

Product sampling process is split prior to chemical analysis. Detecting whether the split was correct unit will directly affect the test results, and thus Movies Response to the product conformity assessment. Since many types of electrical and electronic products, materials complicated, especially electronic components and construction materials are very special, and therefore should provide a standard split split program that can be implemented to

ensure that the split will not result in improper electrical and electronic products have Toxic and hazardous substances misjudgment.

Chemical analysis methods traditionally many of these methods is divided into qualitative and semi-quantitative and quantitative methods of analysis to develop a common standard should cover Method for detecting mechanism different instrument configuration selection.

Electrical and electronic products related to the requirements of restricted hazardous substances will pass through the industrial chain to various manufacturers, many manufacturers Bringing together a wide range of technical documents from the upstream manufacturers to provide, such as system documentation, material declaration, inspection reports, and other self-declaration to prove it Product meets specified requirements. However, electrical and electronic products is usually caused by hundreds of components constitute the correct evaluation should involve splitting, testing all aspects of the information obtained and evaluators huge and complicated, and therefore need to establish clear and strict evaluation principles to standardize evaluation process.

This standard describes the structure of the standard test series electrical and electronic products in toxic and hazardous substances, the provisions of the respective sub-standard writing and a General requirements, provide guidance for the correct understanding of separation, chemical analysis and conformity assessment criteria.

Detecting electrical and electronic products for hazardous substances General

1 Scope

This standard gives the electrical and electronic products in toxic and hazardous substances detection of mechanical separation, chemical analysis and conformity assessment criteria used guide.

This standard applies to design a rated voltage not exceeding 1000V AC and 1500V DC does not exceed the electrical and electronic products; above capacity Product components, parts, components and materials are also applicable to this standard.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

SN/T 2001.1 electrical and electronic equipment to detect mechanical split hazardous substances - Part 1. General requirements SN/T 2002-2013 electrical and electronic products to detect hazardous substances in conformity assessment

3 Terms and Definitions

The following terms and definitions apply to this document.

Electronic and Electrical Products electrical and electronic equipment Normal work needs to rely on current or electromagnetic fields, for the completion of at least one specific function, and equipment for the generation, transmission and measurement these currents and magnetic fields.

Requirements specified requirement Express needs or expectations.

Note: explicit requirements such as regulations, standards and technical specifications and other documents made.

Toxic and hazardous substances Restrict ingredients used in electrical and electronic products, according to requirements.

Mechanically disjointed mechanical disjointment by unscrewing, cutting, scraping, crushing and grinding tools, products or components to split the detection unit.

Conformity Assessment Requirements to confirm the content of hazardous substances in electrical and electronic products are satisfied.

Screening tests screening test Whether further testing according to the relevant threshold determines the representation of components or parts whether or contain restricted substances, and decided