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

SN/T 1431.5-2011

Replacing SN/T 1030-2001

**Rules for the inspection of low-voltage electrical apparatus for
import and export. Part 5: Low-voltage fuses**

进出口低压电器检验规程 第5部分：低压熔断器

(English Translation)

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Foreword

SN/T 1431 "Importers and low-voltage electrical inspection procedures" series of standards is divided into five parts.

--- Part 1. General requirements

--- Part 2. Household and similar circuit breakers for overcurrent protection

--- Part 3. Household and similar residual current operated circuit breaker

--- Part 4. Electromechanical contactors and motor starters

--- Part 5. Low voltage fuses this is Part 5 SN/T 1431 "Importers and low-voltage electrical inspection procedures" series of standards.

This section based on GB/T 1.1-2009 write drafted.

Some of this section may involve patents, this part of the release mechanism does not assume the responsibility to identify these patents.

The partial replacement of SN/T 1030-2001, compared with the SN/T 1030-2001 The main changes are as follows.

--- Examine the contents of the deleted original packaging procedures, shape and installation dimensions, plug inspection and testing of semiconductor devices;

--- Increasing the consistency test project, assembly quality inspection;

--- Modify the contents flag check, insulation test is amended as insulation and isolation suitability verification;

--- Table 2. visual inspection of the surface of the product failed to Category B, the fuse characteristics test failure unified classification A;

--- Increased content inspection and supervision mode and test mode.

This section proposed and managed by the National Certification and Accreditation

Administration Committee.

This section drafted by. People's Republic of China Zhejiang Exit Inspection and Quarantine.

Introduction

"Importers and low-voltage electrical inspection of" low-voltage electrical products import and export inspection work basis, import and export of low-voltage electrical products Inspection play a guiding and regulating.

With China's accession to the World Trade Organization (WTO) and the revised "People's Republic of China Import and Export Commodity Inspection Law" Import and Export Commodity Inspection Test mode has undergone great change, to adapt to changes in the situation and to meet the actual needs of inspection and quarantine work, Inspection and Quarantine of the competent Inspection and quarantine departments to establish a standard system.

This part belongs to the standard system of inspection and quarantine fourth floor --- personality standard that specifies the requirements for the import and export inspection low voltage fuses.

Low-voltage electrical inspection of import and export Part 5. Low voltage fuses

1 Scope

This section provides the import and export of low-voltage fuses sampling, testing and the results of determination.

This section applies to the rated voltage not exceeding 1000V, DC, or no more than 1500V, and is equipped with no less than the rated breaking capacity 6kA enclosed low-voltage current-limiting fuses fuse test.

This section does not apply to small fuse test.

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.

GB/T 2828.1-2003 Sampling level test - Part 1. Press to accept the quality limit (AQL) retrieval batch test sample Programme (ISO 2859-1:1999, IDT) GB/T 2900.18-2008 Electrotechnical term low-voltage electrical GB 13539.1-2008 Low-voltage fuses - Part 1. General requirements (IEC 60269-1:2006, IDT) GB/T 13539.2-2008 Low-voltage fuses - Part 2. Supplementary requirements for fuses for use by authorized persons (mainly for

workers Fuses) standardized systems of fuses A sample industry to I (IEC 60269-2:2006, IDT) GB 13539.3-2008 Low-voltage fuses - Part 3. unskilled personnel Supplementary requirements for fuses (mainly used in home with fuses and similar applications) example standardized systems of fuses A to F (IEC 60269-3:2006, IDT) GB/T 13539.4-2009 Low-voltage fuses - Part 4. Supplementary requirements for fuse protection of semiconductor devices of (IEC 60269-4:2006, IDT) the basic provisions of SN/T 0002 exports of electromechanical commodity inspection procedures prepared

3 Terms and Definitions

GB/T 2828.1-2003, GB/T 2900.18-2008, GB 13539.1-2008, GB/T 13539.2-2008, GB 13539.3-2008, GB/T 13539.4-2009 and SN/T 0002 defined by the following terms and definitions apply to this document.

Sampling mode mode of sampling inspection According to the mandatory requirements of national technical specifications, batch import and export commodities or pumping grant implementation sampling, testing and inspection of conformity assessment activities.

Type Test mode mode of type test According to a predetermined cycle based on the mandatory requirements of national technical specifications type testing, according to on-site inspection requirements for product pumping batch inspection Inspection, supervision and implementation of the conformity assessment activities of the enterprise quality management system.

Compliance Verification mode mode of compliance verification According to the mandatory requirements of national technical specifications, check whether the test documents and credentials and match the goods, if necessary, carry out random inspection, and