

ICS 29.080.10
CCS K 48

SN

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

SN/T 3703.2-2013

Replacing SN/T 1079-2002

**Rules for the inspection of high-voltage electrical apparatus for
import and export. Part 2: High voltage insulators of ceramic
material**

(English Translation)

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: General Administration of Customs

Table of Contents

Introduction

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 2 General requirements

4.1 General and safety requirements

4.2 Other Requirements

5 Test

Foreword

SN/T 3703 "Importers and high-voltage electrical inspection procedures" is divided into two parts.

--- Part 1. General requirements;

--- Part 2. High-voltage porcelain insulators.

This section SN/T 3703 Part 2.

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

The partial replacement of SN/T 1079-2002 "import and export inspection of high voltage porcelain insulators", and SN/T 1079-2002 of the main differences as follows.

--- Chapter 5 Changing the sampling rules and procedures, no longer using the piece of secondary test procedures;

--- Removed during the manufacturing process to eliminate defective products one by one test;

--- The "zinc coating test" was renamed "plating experiment." Some of this section may involve patents, this part of the release mechanism does not assume the responsibility to identify these patents.

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

Introduction

"Importers and high-voltage electrical testing procedures - Part 2. High-voltage porcelain insulators," the import and export of high-voltage porcelain insulators inspection work based on the Import and export of high-voltage porcelain insulators play a guiding and regulating inspection.

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 changes, and changes in order to adapt to the situation, the national exit inspection and quarantine departments in charge of the establishment of immigration check Inspection and quarantine industry-standard system.

This part belongs to industry-standard system of inspection and quarantine fourth floor --- personality standard porcelain insulators for high voltage characteristics, provides for import and export Particular requirements for high-voltage porcelain insulators inspection.

High-voltage electrical inspection of import and export Part 2. High Voltage Insulators

1 Scope

This section provides the import and export of high-voltage porcelain insulators sampling, testing and the results of determination.

This section applies to the rated voltage 1000V and above, no more than 100Hz frequency of import and export overhead power lines, electrical installations and Test equipment used on porcelain insulators.

This section applies to the following seven types of high-voltage porcelain insulators products inspection.

- Disc Suspension porcelain insulators;
- High-voltage line pin porcelain insulators;
- High voltage line butterfly porcelain insulators;
- Tension overhead power lines with porcelain insulators;
- High-voltage line post porcelain insulators;
- High voltage post insulators;
- 110kV and 220kV outdoor less oil circuit breakers porcelain sets.

Other types of porcelain insulators can refer to the use of this section.

This section does not apply to the insulator under test conditions damage the insulating

member and metal accessories used.

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 772-2005 high voltage porcelain insulators technical conditions GB/T 775.1-2006 Test method for insulators - Part 1. General test methods GB/T 775.2-2003 Test method for insulators - Part 2. Electrical test methods GB/T 775.3-2006 Test method for insulators - Part 3. Mechanical test methods GB/T 1000.2-1988 high voltage line insulators of ceramic Dimensions and characteristics GB/T 1001.1-2003 nominal voltage above 1000V Insulators for overhead lines - Part 1. Ceramic or glass AC system Insulator element definitions, test methods and acceptance criteria (IEC 60383-1:1993, MOD) GB/T 2900.8 Electrotechnical terminology insulator GB/T 7253-2005 nominal voltage above 1000V AC system overhead line insulators porcelain or glass insulator units Disc suspension insulator element characteristics (IEC 60305:1995, MOD) GB/T 8287.1-2008 nominal voltage greater than 1000V system and outdoor post insulators - Part 1. Ceramic or glass Test on insulators (IEC 60168:2001, MOD) GB/T 8287.2-2008 nominal voltage greater than 1000V system and outdoor post insulators - Part 2. Dimensions and special Sex (IEC 60273:1990, MOD) GB/T 21206-2007 Characteristics of line post insulators (IEC 60720. 1981, MOD) JB/T 1542-1999 110kV and 220kV outdoor less oil circuit breakers porcelain sets JB/T 8176-1999 Electricity and communication lines pin insulator steel foot