

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

SN/T 1589.18-2012

**Rules for the inspection of household and similar electrical
appliances for import and export. Part 18: Appliances for
instantaneous water heaters**

进出口家用和类似用途电器检验规程 第18部分：即热式热水器

(English Translation)

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Foreword

SN/T 1589 "Household and similar electrical appliances import and export inspection procedures" is divided into 18 parts.

- Part 1. General requirements;
- Part 2. vacuum cleaners and water suction cleaner;
- Part 3. storage water heaters;
- Part 4. radiant heater;
- Part 5. humidifiers;
- Part 6. sewing machine;
- Part 7. air purifiers;
- Part 8. massage apparatus;
- Part 9. food waste disposers;
- Part 10. Electric shoe polisher;
- Part 11. thermal storage hand warmers;
- Part 12. far-infrared heating products;
- Part 13. Air conditioner;
- Part 14. Hot and cold drinking fountains;
- Part 15. motor - compressors;

- Part 16. cookers;
- Part 17. appliances for heating liquids;
- Part 18. Tankless water heater.

Wooden part of Section 18 SN/T 1589's.

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

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

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

Introduction

"Household and similar electrical appliances import and export inspection of Part 18. Tankless water heater" is the water heater import and export inspection Work based on the import and export water heater inspection play a guiding and regulating.

With China's accession to the World Trade Organization (WTO) and the "People's Republic of China Import and Export Commodity Inspection Law" and its implementing regulations amended Import and Export Commodity Inspection, great changes occurred in work mode. In order to meet changes in the form, the state inspection and quarantine departments in charge of the establishment of a Inspection and quarantine standards.

This part belongs to the standard system of inspection and quarantine fourth floor --- personality standard for water heater features provides Tankless Hot Water Particular requirements for inspection.

Import and export of household and similar electrical appliances inspection procedures Part 18. Tankless water heater

1 Scope

SN/T 1589 This section provides import and export of water heater sampling, testing and judgment.

This section applies to import and export inspection of household and similar water heater, the single-phase appliances rated voltage not exceeding 250V, which He appliance rated voltage not exceeding 480V.

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 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan GB 4343.1 electromagnetic appliances, electric tools and similar apparatus compatible with the requirements of Part 1. Emission Part 1 GB 4706.1-2005 Safety of household and similar electrical appliances. General requirements Particular requirements GB 4706.11-2008 household and similar electrical appliances safety of water heaters GB 17625.1 Electromagnetic Compatibility Limits for harmonic current emissions (equipment input current $\leq 16\text{A}$) SN/T 1589.1 and export of household and similar electrical appliances - Test procedures - Part 1. General requirements the basic provisions of SN/T 0002 Electromechanical Import and Export Commodity Inspection procedures prepared SN/T 2838.2 specializing in import and export of electromechanical products inspection General requirements - Part 2. Terms and definitions

3 Terms and Definitions

GB 4706.1-2005, GB 4706.11-2008, SN/T 1589.1, SN/T 0002, SN/T 2838.2 Definition of terms and definitions Meaning applicable to this document.

4.1 Safety Requirements

That safety requirements for instantaneous water heaters shall meet the requirements of GB 4706.11-2008 apply should consider the use of national differences (region).

4.2 Electromagnetic compatibility requirements

That electromagnetic compatibility characteristics of the water heater should meet GB 4343.1 and GB 17625.1 shall be applicable should consider the use of national (Regional) differences.

4.3 Other Requirements

Where applicable, shall comply with the use of national (regional) technical regulations on the water heater's environmental protection, energy efficiency, and performance requirements.