

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

SN/T 3241.4-2012

**Technical requirements for the inspection of household and
similar electrical appliances for import and export. Part 4:
Energy efficiency of room air conditioner
(English Translation)**

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Foreword

SN/T 3241 "Importers of household and similar electrical appliances test technical requirements" is divided into four parts.

- Part 1. AC electric fans energy efficiency;
- Part 2. automatic rice cooker energy efficiency;
- Part 3. refrigerator energy efficiency;
- Part 4. room air conditioner energy efficiency.

This section SN/T 3241 Part 4.

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.

1 Scope

This section SN/T 3241 provides for import and export room air conditioner energy efficiency requirements, inspection and judgment results.

This section applies to the use of air-cooled condensers, Hermetic motor - compressors, cooling capacity in 14000W and below, the climate class TI type is the room air conditioner energy efficiency of import and export inspection.

This section does not apply to mobile, speed-controlled, multi-type air conditioning units.

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 7725 Room Air Conditioners GB 12021.3-2010 room air conditioner energy efficiency limit value and energy efficiency rating the basic provisions of SN/T 0002-2004 and export mechanical and electrical inspection for the inspection written CEL-002 room air conditioner energy efficiency labeling rules EN14511-1, EN14511-2, EN14511-3, EN14511-4 use electrically driven compressors for space heating and cooling for the air conditioning Liquid chillers and heat pumps (Airconditioners, liquidchillingpackagesandheatpumps withelectricallydriven compressorsforspaceheatingandcooling) AS/NZS3823.1.1 no duct connected to the air conditioner and heat pumps - Testing and Performance Rating (Performanceofelectrical appliances-Airconditionersandheatpumps-Part 1.1. Non-ductedairconditionersandheatpumps-Testingandratingfoeperformance) AHAM.RAC-1 Room Air Conditioners (Roomairconditioners)

3 Terms and Definitions

GB 12021.3-2010, SN/T 0002 defined by the following terms and definitions apply to this document.

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

Type Test mode modeoftypetest 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 modeofcomplianceverification According to the mandatory requirements of national technical specifications, inspection certificate and inspection documents, goods are consistent with the random testing can be carried out when necessary, and real