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

SN/T 3237.4-2012

**Rules for the inspection of motors for import and export. Part 4:
Single-phase asynchronous motors**

进出口电机检验规程 第4部分：单相异步电动机

(English Translation)

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Foreword

SN/T 3237 "for the inspection of import and export motors" is divided into four parts.

- Part 1. General requirements;
- Part 2. ordinary three-phase asynchronous motor;
- Part 3. Efficient three-phase asynchronous motors;
- Part 4. single-phase induction motor.

This section SN/T Section 43237 of.

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

"Inspection of import and export motors Part 4. single-phase asynchronous motor" motor import and export inspection work in accordance with the import and export of single-phase Induction motor testing 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.

To adapt to the situation and change, the State Quality Supervision, Inspection and Quarantine administrations group Organizations established inspection and quarantine standards.

This part belongs to the standard system of inspection and quarantine fourth floor --- personality criteria for the characteristics of single-phase induction motor, provides for import and export single Phase asynchronous motor special inspection requirements.

Import and export inspection of motor Part 4. single-phase induction motor

1 Scope

SN/T 3237 provisions of this part of the sampling, testing and qualification of import and export safety performance single-phase asynchronous motors determination method.

This section applies to the rated voltage of 330V and below, rated frequency 50Hz, 60Hz single-phase AC power (including mains power and Inverter power) test powered general purpose single-phase AC induction motor (hereinafter referred to as "motor") of. 330V or more electric Machine can be performed with reference to this section.

This section does not apply to motor test explosion motors, marine motors and other special purposes.

2 Normative references

The following documents for the application of this section 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 12350 Safety requirements of small power motors
GB 14711 Safety requirements of small and medium rotary motor the basic provisions of SN/T 0002 inspection of import and export of electromechanical products 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

SN/T 0002, SN/T 2838.2 and define the following terms and definitions apply to this document.

Small motor smalsizemotor (High or center axis, in mm) frame sizes from 63 to 315 motors.

Small power motors smalpowermotor Speed converted to 1500r/min, the maximum continuous power rating of not more than 1.1kW motor called small power motors.

4.1 Safety Requirements

Small motor should meet the requirements of GB 14711; small power motors shall meet the requirements of GB 12350. When applicable considerations apply Country (Region) differences.

4.2 Other Requirements

Where applicable, shall comply with the use of national (regional) technical regulations tools, environmental protection, energy efficiency, performance, electromagnetic compatibility requirements.