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

SN/T 3237.3-2012

**Rules for the inspection of motors for import and export. Part 3:
High efficiency three-phase asynchronous motors**

进出口电机检验规程 第3部分：高效三相异步电动机

(English Translation)

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Table of Contents

- Foreword
- Introduction
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 General requirements
- 4.1 Safety Requirements

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 33237 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

"Electrical inspection of import and export - Part 3. Efficient three-phase asynchronous motors" the motor is import and export inspection work in accordance with the import and export Efficient three-phase asynchronous motors play a guiding and regulating inspection.

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 high efficiency three-phase induction motor, provides access Particular requirements for oral efficient three-phase induction motor testing.

Import and export inspection of motor Part 3. Efficient three-phase asynchronous motors

1 Scope

SN/T 3237 This section provides the safety performance of the import and export of high-efficiency motors and sampling, testing and qualification method for determining energy efficiency.

This section applies to the rated voltage 1000V and below, 50Hz and 60Hz three-phase AC power supply, rated power Within the range of 0.75kW ~ 315kW, the number of poles 2-pole, 4-pole and 6-pole, single-speed enclosed fan-cooled, N design, continuous duty general use Test passers-phase cage induction motor (hereinafter referred to as "motor") of.

This section does not apply to variable frequency motor, multi-speed motor, wound rotor motors, explosion-proof motors, special motors and other uses 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 1032-2005 Test method for three-phase asynchronous motors 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 GB 18613 small and medium three-phase asynchronous motor energy efficiency limit value and energy efficiency rating 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.

Efficiency motors highefficiencyMotor Three-phase induction motor efficiency reached the national standard GB 18613 in the energy efficiency rating of 2 or Level 1.

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.

Sized motor smalandmediumsizemotor (High or center axis, in mm) frame sizes from 63 to 630 motors.

4.1 Safety Requirements

Sized motor should meet the requirements of GB 14711; small power motors shall meet the requirements of GB 12350. When applicable, appropriate consideration