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

SN/T 3835-2014

**Technical requirements for the inspection of fans for import
and export - Energy efficiency
(English Translation)**

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions

Foreword

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

Please note that some content of this document may involve patents, publication of this document Institutions do not assume the responsibility to identify these patents.

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

This standard was drafted. People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the import and export Fan energy efficiency requirements, and test results to determine.

This standard applies to industrial ventilator 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 1236 Industrial fans using standardized airways performance test GB/T 10178 Industrial fans field performance test GB 19761 fan energy efficiency limit value and energy efficiency rating CEL-22 fan energy efficiency labeling rules SN/T 2838.2 import and export of electromechanical products testing professional terms and definitions General requirements Eco-design implementing regulations (EU) No327/2011 ErP Directive under. Non-domestic fans

3 Terms and Definitions

GB 19761, SN/T 2838.2 and define the following terms and definitions apply to this document.

Compliance Verification mode module of compliance verification 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 Shi supervision of the conformity assessment procedures.

Inspection Lot the same specifications for the implementation of inspection and collection of models from the same manufacturer under the same production conditions of production per unit of product, referred to as batch.

Fan energy efficiency limit minimum allowable values of energy efficiency for fan Under standard test conditions, allowing the fan efficiency lowest guaranteed.

Fan energy conservation evaluation values evaluating values of energy conservation for fan Minimum guaranteed values under standard test conditions, energy-saving fan efficiency to be achieved.

Fan air power Conventional output power of the mass flow and the fan power per unit mass or import the product volume flow, compressibility correction factor k_p and pass Fan pressure of the product.