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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3833-2014

Technical requirements for the inspection of motors for import and export. Energy efficiency for three-phase asynchronous motors

进出口电机产品检验技术要求 三相异步电动机能效

(English Translation)

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Foreword

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

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 three-phase asynchronous motor energy efficiency requirements, and test results to determine.

This standard applies to small and medium sized single-speed three-phase asynchronous motor 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 755 rotary motor fixed and performance GB/T 1032-2012 Test method for three-phase asynchronous motors GB 18613 small and medium three-phase asynchronous motor energy efficiency limit value and energy efficiency rating CEL-007 small and medium three-phase asynchronous motor energy efficiency labeling rules SN/T 2838.2 import and export of electromechanical products testing professional terms and definitions General requirements NEMAMG1-2009 motors and generators Test procedures IEEE112 polyphase induction motors and generators IEC 60034-2-1 rotary motor (excluding traction motors) Test Method for determining losses and efficiency IEC 60034-30:2008 Part 30 rotary motors. single-speed three-phase squirrel cage induction motor efficiency rating (IE code) 94/9/EC relating to the EU Member States for use in potentially explosive atmospheres of

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equipment and protective systems of law March 23, 1994 European Parliament and Council Directive

3 Terms and Definitions

GB 18613, SN/T 2838.2 and define the following terms and definitions apply to this document.

Rating ratedvalue

Usually by the manufacturer of the motor at a predetermined value within the meaning of operating conditions.

Fixed rating

A set of ratings and operating conditions.

Rated output Ration output value.

Rated output power Rated conditions to achieve the required output power rating.

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