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

SN/T 3326.4-2013

**Technical requirements for the inspection of lighting appliances
for import and export. Part 4: Energy efficiency for ballasts
(English Translation)**

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Foreword

SN/T 3326 "Import and Export Inspection Lighting technical requirements" is divided into seven sections.

--- Part 1. Self-ballasted fluorescent energy efficiency;

--- Part 2. incandescent reflector lamp energy efficiency;

--- Part 3. double-ended fluorescent lamps energy efficiency;

--- Part 4. ballast energy efficiency;

Part --- Article 5. LED lamp energy efficiency;

--- Part 6. energy efficient exit signs lights;

--- Part 7. Single-capped fluorescent lamps energy efficiency.

This section SN/T Section 43326 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.

This section drafted by. People's Republic of China Zhejiang Entry-Exit Inspection and Quarantine Bureau Technology Center.

1 Scope

SN/T 3326 provisions of this part of the import and export of ballast energy efficiency requirements, test results and determination.

This section applies to the following ranges of products imported ballast energy efficiency test.

- a) rated voltage 220V, 50Hz frequency AC power supply, the nominal power inductively town 4W ~ 120W tubular fluorescent lamps Converters and electronic ballasts;
- b) rated voltage 220V, 50Hz frequency AC power supply, rated at 70W ~ 1000W high pressure sodium lamp and stand-by Built-in magnetic ballast;
- c) rated voltage 220V, frequency 50Hz AC power supply is rated at 175W ~ 1500W single-ended metal halide lamps by LC peak leading type of freestanding and built-in ballasts.

This section also applies to EC245/2009 of the European Commission Regulation implementing rules Table 15, Table 16, Table 17, Table 18 and described in Table 19 Lamp type referred to in supporting the use of ballast products exported to the EU energy efficiency test.

This section also applies to a nominal input voltage of 120V or 277V, input current frequency 60Hz, its light application types. One F34T12,34W; TwoF34T12,68W; OneF40T12,40W; TwoF40T12,80W; TwoF96T12,150W;

TwoF96T12HO, 220W; TwoF96T12/ES, 120W; TwoF96T12HO/ES, 190W, and exports to the United States Ballast energy efficiency test.

Exported to other countries (regions) of the country of sale apply to the relevant regulations and energy efficiency standards for ballasts energy efficiency 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 17896-2012 tubular fluorescent lamp ballast energy efficiency limit value and energy efficiency rating GB 19574-2004 high pressure sodium lamp ballasts with energy efficiency limit value and energy conservation evaluation values GB 20053-2006 metal halide lamp ballasts energy efficiency limit value and energy efficiency rating IEC 62442-1:2011 light control device energy management - Part 1. control means determining fluorescent lamp control circuit means the total output power and efficiency of the control device measuring method (Energyperformanceoflampcontrolgear-Part 1.

Con-trolgearforfluorescentlamps-Methodofmeasurementtodeterminethetotalinputpowerofcon-trolgearcircuitsandtheefficiencyofthecontrolgear) 2009/125/EC of the European Parliament and the Council on the development of energy-related products eco-design requirements of the framework directive

(Directive2009/125/ECoftheEuropeanParliamentandoftheCouncilestablishingaframeworkforthesettingofecodesignrequirementsforenergy-relatedproducts)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ.L.2009.285.0010.01.EN>.

HTML EC245/2009 of the European Commission regulations on without integrated ballast fluorescent, high intensity discharge lamps and to make it work Eco-design requirements for ballast or the lamp (DirectiveEC245/2009EuropeanParliamentandoftheCouncilwith regardtoecodesignrequirementsforfluorescentlampswithoutintegratedbalast, forhighintensity dischargelamps, andforballastsandluminairesabletooperatesuchlamps)