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

SN/T 3241.10-2015

**Technical requirements for the inspection of household and
similar electrical appliance for import and export. Part 10:
Energy efficiency for vacuum cleaners**

进出口家用及类似用途电器检验技术要求 第10部分：真空吸尘器的能效
(English Translation)

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Foreword

SN/T 3241 "Importers of household and similar electrical appliances test technical requirements" is divided into 11 parts.

- Part 1. AC electric fans energy efficiency;
- Part 2. automatic rice cooker energy efficiency;
- Part 3. refrigerator energy efficiency;
- Part 4. room air conditioner energy efficiency;
- Part 5. cookers energy efficiency;
- Part 6. dishwashers energy efficiency;
- Part 7. storage-type electric water heater energy efficiency;
- Part 8. Energy efficiency of the microwave oven;
- Part 9. air-conditioning water heater energy efficiency;
- Part 10. Vacuum cleaner energy efficiency;
- Part 11. hot and cold water dispenser energy efficiency.

This section SN/T 3241 Part 10.

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 Exit Inspection and Quarantine.

1 Scope

This section SN/T 3241 provides for the import and export of goods and cleaner energy efficiency requirements, and test results to determine.

This section applies to household and similar purposes, electric drive dry and wet and dry is not required professionals to operate (only for dry-type unit Min) Energy efficiency testing vacuum cleaner products.

This section does not apply to water suction vacuum cleaner, vacuum-type floor polishing machines, sweeping machines, industrial vacuum cleaners, floor cleaning machinery and specialized intelligent for vacuum cleaners and other cleaning clothes or some special-purpose automobiles.

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 20291.1-2014 household vacuum cleaners - Part 1. dry vacuum cleaner performance test methods (IEC 60312.

2010, IDT)

QB/T 1562-2014 vacuum cleaners for household and similar purposes (EU) No.666/2013 EU Ecodesign Directive vacuum cleaner (Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to eco design requirements for vacuum cleaners) EN60312-1:2013 Household dry vacuum cleaner performance test methods (Vacuum cleaners for household use - part 1 Dry vacuum cleaners - Methods for measuring the performance) IEC 60312-1:2010 A1.2011 Household dry vacuum cleaner performance test methods (Vacuum cleaners for household use - part 1 Dry vacuum cleaners - Methods for measuring the performance) JISC9108:2009 electric vacuum cleaner (Electric vacuum cleaners)

3 Terms and Definitions

GB/T 20291.1, QB1562, IEC 60312-1, EN60312-1, JISC9108 define the following terms and definitions apply this document.

Suction power Aerodynamic power curve, the value of air power is the mechanical suction power, which is a vacuum cleaner at the rated voltage, rated frequency when operating under rate conditions, the resulting degree of vacuum and air volume of the product.

$P_2 = 16.67 \times 10^{-3} H_s Q$ where.

P2 --- suction power in watts (W);

Hs --- vacuum, the unit is Pa (Pa);

Q --- air volume, in units of cubic meters per minute (m³/min).