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YC

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

YC/T 89.2-2006

Replacing YC/T 89.2-1996

**Tobacco machinery. Vibratory sieving machine. Part 2:
Technical specifications
(English Translation)**

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Foreword

YC/T 89 "Tobacco Machinery Vibrating Screening Machine" is divided into two parts.

--- Part 1. Type and basic parameters;

--- Part 2. Technical conditions.

This part is the second part of YC/T 89.

This part replaces YC/T 89.2-1996 "Tobacco Machinery Vibrating Screening Machine Part 2. Technical Conditions".

Compared with YC/T 89.2-1996, the main changes in this section are as follows.

- Increased test methods for conveying screening capacity (see 4.1);
- Revised the content of the screening efficiency test method (4.3 of the 1996 edition; Appendix A of this edition);
- Modified the requirements for screening machine noise (3.5 of the 1996 edition; 3.4.4 of this edition);
- Delete the measurement of the dust content of the plant (4.5 of the 1996 edition);
- Delete the chapter on classification and naming (Chapter 6 of the 1996 edition);
- Delete the chapter on product liability (Chapter 8 of the 1996 edition).

Appendix A, Appendix B and Appendix C of this part are normative appendices.

This part is proposed by the National Tobacco Monopoly Bureau.

This part is under the jurisdiction of the National Tobacco Standardization Technical Committee (TC144).

This section drafted by. China Tobacco Machinery Technology Center Co., Ltd., Beijing

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the company.

1 Scope

This part of YC/T 89 specifies the technical requirements for vibrating screening machines for tobacco.

This section applies to vibratory screening machines (hereinafter referred to as screening machines) that transport screening tobacco materials.

2 Normative references

The terms in the following documents become the provisions of this part by reference to this part of YC/T 89. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, an agreement is encouraged under this section.

The parties are studying whether the latest version of these documents can be used. For undated references, the latest edition applies to this section.

GB 2894 safety sign (GB 2894-1996, neq ISO 3864. 1984) GB/T 3768-1996 Acoustic sound pressure method for the determination of sound source sound power level (eqv ISO 3746:1995) GB 5226.1-2002 Mechanical safety machinery and electrical equipment - Part 1. General technical conditions (IEC 60204-1:2000, IDT) GB 9969.1-1998 General instructions for the use of industrial products GB/T 13306-1991 Signage YC/T 10.10-2006 General technical requirements for tobacco machinery - Part 10. Metal coating and chemical treatment YC/T 10.11-2006 General technical requirements for tobacco machinery - Part 11. Painting YC/T 10.12-2006 General technical requirements for tobacco machinery - Part 12. Assembly YC/T 10.13-2006 General technical requirements for tobacco machinery - Part 13. Packaging YC/T 10.15-2006 General technical requirements for tobacco machinery - Part 15. Assembly of electrical control systems YC/T 11-2006 (all parts) Tobacco machinery product drawings and design documents YC/T 89.1 Tobacco mechanical vibrating screening machines - Part 1. Types and basic parameters "Cigarette Process Specification" National Tobacco Monopoly Bureau, Central Literature Publishing House

3.1 Drawings and design documents

The drawings and design documents of the screening machine shall be in accordance with the requirements of YC/T 11-2006 and the relevant national standards for mechanical drawing and technical drawing.

The drawing (editing) system is carried out and approved according to the design

procedures specified by the company.

3.2 Working conditions

The screening machine should work properly under the following conditions.

- a) Ambient temperature. $10^{\circ}\text{C} \sim 40^{\circ}\text{C}$;
- b) relative humidity. no more than 80%;
- c) Altitude. no more than 2000m;
- d) Power supply. 3/N $\sim$ 50Hz/T N-S, $380\text{V} \pm 38\text{V}$, $50\text{Hz} \pm 1\text{Hz}$, the electrical part of the export screening machine should be based on the purchaser Designated supply voltage and frequency design;
- e) compressed air. working pressure is not less than 0.5MPa;