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

SB/T 10204-2012

Replacing SB/T 10204-1994

**Technical specifications for candy puller machine
(English Translation)**

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Foreword

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

This standard is a revision of the original standard SB/T 10204-1994 "Technical Conditions for Candy Pulling Machine". This standard and SB/T 10204-Compared with 1994, the main technical changes are as follows.

1. In the provisions of the normative reference documents, the referenced standard adopts the latest version, and GB/T 13306 is added according to the standard terms.

GB 16798 and other standards have deleted GB/T 2828.1, GB/T 2829 and other standards.

2. Added a chapter on terms and definitions, given the terms of the puller and the pull rod and their definitions.

3. In the required regulations, the terms are in accordance with general requirements, mechanical safety, electrical safety, thermal safety, hygiene, noise, performance and use, the signs, packaging, transportation, storage, etc. are rearranged in order, with emphasis on safety, hygiene, and energy conservation requirements.

1) Added the following terms.

---General requirements. 4.1.1 product quality management;

--- Mechanical safety. 4.2.1 General, 4.2.4 rod movement flexibility, 4.2.7 bearing selection, design and lubrication;

--- Thermal safety. 4.4.1 General, 4.4.2 Thermal protection during operation;

--- Hygiene. 4.5.2 to avoid food residues, 4.5.4 coating materials are non-toxic;

---Noise. 4.6.1 General;

---Performance. 4.7.1 General;

--- Use. 4.8.1.2 After technical training, 4.8.1.3 Obey the operating procedures.

2) The following terms have been amended.

--- The original standard 3.5 and 3.8.2 electrical safety has been refined, the provisions of this standard 4.3 electrical safety are. 4.3.1 total Then, 4.3.2 electrical component quality, 4.3.3 electrical components installation, 4.3.4 electrical insulation, 4.3.5 wire color and standard no., 4.3.6 wire wiring and fixing, 4.3.7 grounding, 4.3.8 electrical components waterproof, 4.3.9 electrical components Heat, 4.3.10 heat dissipation of electrical components, 4.3.11 mechanical protection of electrical equipment;

--- The original standard 3.6 noise does not exceed 85dB (A), modified to 4.6.2 noise 80dB (A);

--- The original standard 3.4.2 motor load power is not less than 75% of the rated power, modified to the standard 4.7.2 is not small at 80%.

3) The following terms have been removed.

--- The original standard 3.2.2 fuel tank temperature $\leq 65^{\circ}\text{C}$, tooth surface temperature $\leq 70^{\circ}\text{C}$;

---The original standard 3.2.3 sheet metal manufacturing requirements;

--- Original standard 3.4.1 motor no-load power requirements;

--- Original standard 3.2.4 component life, no fault time requirements.

4. In the provisions of the test method, according to the provisions of Chapter 4 of this standard, the test method of the project is correspondingly reserved and increased.

Add, modify, and delete.

5. In the provisions of the inspection rules, the inspection items and the qualification judgment conditions have been modified, according to the small batch production of the products, the batch is not fixed.

Actually, the original standard was deleted according to the inspection rules stipulated in GB/T 2828.1 and GB/T 2829, and the non-continuous batch inspection rules were adopted.

The factory inspection project requires all qualifications (6.3), the number of type test samples is 1, normal production once a year, the type test items are divided into key items and one in general, the key items are all qualified, and the general item allows a failure rate of 15% (6.7).

6. Added provisions for the use of information.

7. Deleted Appendix A of the original standard.

This standard was proposed by the Ministry of Commerce of the People's Republic this standard is under the jurisdiction of the National Commercial Machinery Standardization Technical Committee (SAC/TC111).

This standard was drafted. Zhejiang Gongshang University, Beijing Product Quality

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1 Scope

This standard specifies the requirements, test methods, inspection rules, and usage information of the candy puller (hereinafter referred to as the product).

This standard applies to the design, manufacture, use and inspection of candy puller.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 3768-1996 Acoustic sound pressure method for the determination of sound source sound power level (ISO 3745:1995) GB/T 13306 signage GB 16798 Food Machinery Safety and Hygiene SB/T 222 Basic technical requirements for general technical conditions of food machinery SB/T 223 Food Machinery General Technical Conditions Mechanical Processing Technical Requirements SB/T 224 food machinery general technical conditions assembly technical requirements SB/T 227-2007 Technical requirements for general technical requirements for food machinery SB/T 228 food machinery general technical conditions surface painting SB/T 229 Food Machinery General Technical Conditions Product Packaging Technical Requirements SB/T 231 General technical conditions for food machinery, marking, transportation and storage

3 Terms and definitions

The following terms and definitions apply to this document.

Pull white machine puller machine A machine that performs candy whitening operations in confectionery production. Through the machine, the sugar paste is repeatedly stretched and inflated to form a white and bright color.

Sugar body.

The pulling machine is mainly composed of a structure such as a pull rod, a transmission device and a frame.

Pull rod pulrods

The main part of the whitening machine is a straight rod or a curved rod of a diameter or a variable diameter of a circular cross section. Usually have a fixed pull rod and Two rotating pull rods, the fixed pull rods are generally located in the center of the machine, and the two rotating pull rods are driven by the transmission device around the fixed pull rods.

Turn to the direction. By the relative movement of the fixed pull rod and the rotating pull rod, the surrounding gas is wrapped and the original optical properties of the sugar body are changed.

Mercerized body.

The whitening machine of this structure is divided into two types, horizontal and vertical, according to the position of the rotation axis of the rotating rod, and they are usually operated intermittently.