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

SB/T 224-2013

Replacing SB/T 224-2007

**General specification for food machinery. Technical
requirements for assembling
(English Translation)**

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Foreword

This standard is one of the "industry standard of food machinery" series of industry standards. This series of industry standards include.

Technical requirements for general technical conditions for food machinery - SB/T 222;

Technical requirements for general technical conditions for food machinery - SB/T 223;

Technical requirements for general technical conditions for food machinery - SB/T -

Technical requirements for general technical conditions for food machinery - SB/T 225;

- Technical requirements for general technical conditions for food machinery - Technical requirements for welding and riveting;

- Technical requirements for general technical conditions for food machinery - Technical requirements for electrical installations;

--- SB/T 228 General specification for food machinery - Surface coating;

- SB/T 229 General specification for food machinery - Technical requirements for packaging;

- SB/T 230 General rules for food machinery - Product inspection rules;

--- SB/T 231 Food machinery General technical conditions Product logo, transport and storage.

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

This standard is a revision of SB/T 224-2007 "Technical Requirements for General Technical Conditions for Food Machinery", which is compatible with SB/T 224-the main differences in 2007 are as follows.

--- normative reference documents to increase the JB/T 9876 metal cutting machine with surface coating color inspection and assessment;

- increased assembly requirements for fixed connections such as screws, bolts, pins and rivets;
- Added test methods for 4.1.2 to 4.1.4, 4.2.2 and 4.2.4;
- Added Chapter 5 inspection rules;
- the text of the text in the full re-refinement, adjustment and specification.

This standard is proposed by the National Commercial Machinery Standardization Technical Committee.

This standard by the National Commercial Machinery Standardization Technical Committee.

The drafting of this standard. Beijing Institute of Service Machinery, Guangzhou City Sida Machinery Co., Ltd., Guangdong Henglian food machinery Limited company.

1 Scope

This standard specifies the general technical requirements for general assembly of food machinery products, general test methods and inspection rules.

This standard applies to food machinery products, parts and assembly of the whole assembly of the quality requirements. The specific requirements of each type of product assembly should be on the basis of this standard, according to its characteristics in the respective product standards to make specific provisions.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 491 Calcium based grease GB/T 492 sodium base grease GB/T 3766 General technical requirements for hydraulic systems GB/T 3768 Acoustic vocal pressure method for the determination of noise sources Sound power level Reflective surface above the use of envelope measurement of the surface of the simple method Machinery and equipment - Safety electrical machinery - Part 1. General technical conditions GB 5226.1 GB/T 7932 General technical requirements for pneumatic systems GB/T 7935 General specification for hydraulic components GB/T 10089 cylindrical worm, worm accuracy GB/T 10095.1 Cylindrical gear precision system - Part 1. Definitions and permissible values for deviation of the same side of gears GB/T 10095.2 Cylindrical gear accuracy system - Part 2. Radial integrated deviation and radial runout definitions and permissible values GB/T 11365 bevel gear and hypoid gear accuracy Safety and Health of Food Machinery JB/T 4127.1 Mechanical seals - Part 1. Technical conditions JB/T 6619.1 Technical requirements for light

mechanical seals Inspection and Evaluation of JB/T 9876 Metal Cutting Machine Tool
Combined with Surface Coating

3.1 General technical requirements

3.1.1

The machine assembly shall comply with the drawings and technical documentation of the machine and comply with the requirements of this standard.

3.1.2

assembly with the zero, the parts should be tested by the technical inspection department qualified zero, accessories.

3.1.3

purchased parts, collaborative pieces should be consistent with the quality requirements of the proof.

3.1.4

before assembly, all zero, parts should be removed from the surface of the burr, chip, oil, rust and other dirt. The inside of the box should be cleaned.

3.1.5

The fitting surface of the part shall not affect the performance of the damage.

3.1.6

in the assembly should not damage the surface of the parts, or make parts significantly curved, twisted, deformation.

3.1.7

Before cleaning the oil pipe should be cleaned, remove the tube plug. Pipe wall should not be broken and obvious dent, rubbing fold, flattened and other defects.