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

GB/T 8186-2011

Replacing GB/T 8186-2005

Milking machine installations -- Construction and performance

挤奶设备 结构与性能

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 General requirements
- 4.1 Test Based

Foreword

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

This standard replaces GB/T 8186-2005 "Structure and Properties of milking equipment." this standard compared with GB/T 8186-2005, the main technical content changes as follows.

--- Press the vacuum system, the pulsation system, transmission system, milk, milking unit and cleaning system standard classification reorganized structure;

--- Increased hygiene requirements (4.3);

--- Increasing the installation details (4.5.2);

--- Increasing the vacuum system leakage requirements (5.9) and a barrel vacuum milking machine interface requirements (5.10);

--- Increased pulsator vacuum line vacuum degree requirements (6.2);

--- Increased drainage (7.4) and milk separation (7.6) requirements, with the milk pipeline, set milk cans, milk inlet, drain pump milk, milk tube output Road transport requirements for the composition of the milk system requirements (Chapter 7);

--- Increasing the teat cup set cup sets (8.3) and de-cup (8.4) requirements, and the milking unit intake and the amount of leakage (8.6), milking unit Vacuum requirement (8.7).

This standard uses the translation method identical with ISO 5707:2007 "Structure and Properties of milking equipment" (in English).

The standard proposed by China Machinery Industry Federation.

This standard by the National Standardization Technical Committee (SAC/TC201) Agricultural machinery centralized.

This standard was drafted. Chinese Academy of Agricultural Mechanization Sciences,

Ministry of Agriculture, Agricultural Machinery Testing Station.

Drafters of this standard. Emperor before entering, Bao Chen Jun, Chen Fengqi, Li Wei, Qi Huichang.

This standard replaces the standard for the previous editions.

--- GB/T 8186-1987, GB/T 8186-2005.

Structure and Properties of milking equipment

1 Scope

This standard specifies the milking machine milking and cleaning minimum performance requirements and parameters, as well as the specific size requirements. But also on the crowded Material, design, construction, equipment installation and other requirements of milk made specific provisions.

This standard applies to the use of pulsating vacuum, use (use at least part of) help transport stream milk (cows, buffalo, sheep and goats Etc.) of the milking equipment. The standard qualitative requirements also apply to other mammals milk milking equipment.

Some of the provisions of this standard does not apply to all types of milking machines.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this file. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 4706.46-2005 special requirements of household and similar electrical appliances - Safety milking machines (IEC 60335-2-70:2002, IDT) GB/T 5981-2011 milking equipment - Vocabulary (ISO 3918:2007, IDT) Test methods GB/T 8187-2011 milking (ISO 6690:2007, IDT) GB/T 10610-2009 Geometrical product specifications (GPS) Surface texture - Profile method for evaluation of the rules and structure of the side surface Method (ISO 4288:1996, IDT) GB/T 15706.1 Safety of machinery - Basic concepts, general principles for design - Part 1. Basic terminology and methods (GB/T 15706.1-2007, ISO 12100-1:2003, IDT) GB/T 15706.2 Safety of machinery - Basic concepts, general principles for design - Part 2. Technical principles (GB/T 15706.2-2007, ISO 12100-2:2003, IDT) GB 19891-2005 Safety of machinery designed for hygiene requirements (ISO 14159:2002, MOD)

3 Terms and Definitions

Terms and definitions GB/T 5981 defined apply to this document.

4.1 Test Based

Methods for measuring performance of the involved standards of GB/T 8187 regulations. The method GB/T 8187 regulations may not effectively There are specially designed to test the performance of the device.

Innovation and development in order to avoid the limitations, if they can get the same results, you can use the system not described in this standard. These are not included in this standard to the system requirements and other special performance characteristics should be specified in the instructions for use described.