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

GB/T 5981-2011

Replacing GB/T 5981-2005

Milking machine installations -- Vocabulary

挤奶设备 词汇

(English Translation)

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Foreword

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

This standard replaces GB/T 5981-2005 "milking equipment Words", and GB/T 5981-2005 "milking equipment Words" than the main changes are as follows.

- To re-classify the vocabulary choreography;
- Increased auxiliary equipment, empty machine test, simulation test, test milking, the type of milk, milking time, automatic milking machines, automatic Milking equipment, low configuration milking system, rated the degree of vacuum and other words;
- Remove the milking - rest ratio, the effective volume and other terms;
- Modify instantaneous vacuum drop, the largest pulsation chamber vacuum, milking units, and other terms of the definition of asymmetry.

This standard uses the translation method identical with the international standard ISO 3918:2007 "milking equipment vocabulary." 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 standards previously issued as follows.

- GB/T 5981-1986, GB/T 5981-2005.

Milking equipment - Vocabulary

1 Scope

This standard specifies the cows, buffalo, sheep, goats and other livestock mammal milk milking equipment design, manufacture and use of vocabulary.

Edit This standard applies to milking equipment research, design and manufacturing, industry management and technical literature and other publications.

2 General Vocabulary

Pipe line

Equipment stationary rigid piping (for example. steel, glass or hard plastic tube).

Note: The term pipe (2.1) and the tube (2.2) or its use in different applications and in the manner defined in Note 2.2.

Tube tube

Hose (for example. a rubber tube or a soft plastic tube comprising a rubber tube or a soft plastic tube connected there is a rigid tube).

Note: The term pipe (2.1) and the tube (2.2) due to its use or application of different occasions and modified in the following manner.

--- Vacuum. a variety of special modifications during milking vacuum line (2.1), usually, but not necessarily lower than the atmospheric pressure [For example. the main vacuum line (4.5), pulsating Vacuum tube channel (5.3)].

--- Pulsation. modifying the delivery pressure cycling various special tube (2.1) and the tube (2.2) [For example. long pulsation tube (5.4), short pulsation tube (5.5)].

--- Milk. milk with or modify any milk during the milking pipeline gas share (2.1) [For example. milk transport conduit (6.9)] and the tube (2.2) [Example. milking pipeline (6.2), the long milk tube (6.3)].

--- Milking. describes a vacuum system (4.1) or pipe (2.1) function [for example. milking vacuum line (4.9)].

Air intake airvent

Calibrated holes, which allow a certain amount of air into the milking units.

Auxiliary equipment ancillary equipment by the same degree of vacuum (2.7) source driver, but not directly for milking livestock milking auxiliary equipment.

Upstream

And flows in the opposite direction.

Downstream of the downstream the direction of flow.

The degree of vacuum Sub-atmospheric pressure, with the difference value represents the ambient atmospheric pressure.

For example. under ambient atmospheric pressure 103kPa, 50kPa indicates absolute vacuum pressure of 53kPa.