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

GB/T 33925.2-2018

**Liquid pumps and installation -- General terms, definitions,
quantities, letter symbols and units -- Part 2: Pumping system**

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2.1 General definition

Foreword

GB/T 33925 "General terms, definitions, quantities, characters and units of liquid pumps and their devices" are divided into the following two parts.

---Part 1. Liquid pump;

--- Part 2. Pump system.

This part is the second part of GB/T 33925.

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

This section uses the translation method equivalent to ISO 17769-2.2012 "Liquid pumps and their devices general terms, definitions, quantities, characters and orders

Bit 2. Pump System.

For ease of use, the following editorial changes have been made to this section.

--- Removed note 2 of Chapter 1 of ISO 17769-2.2012;

--- Added Chinese Pinyin index.

This part was proposed by the China Machinery Industry Federation.

This part is under the jurisdiction of the National Pump Standardization Technical Committee (SAC/TC211).

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1 Scope

This part of GB/T 33925 defines the terms, characters and terms associated with rotary power pumps, positive displacement pumps and their devices in which the medium is liquid.

unit. This section applies to the understanding and communication between the device designer, manufacturer, operator and project builder.

This section uses the International System of Units, but other legal units can also be used.

This section mainly defines the terms, characters and units related to the pump system.

Note. For ease of use, the terms and definitions that are repeated with ISO 17769-1 are also defined in this section.

This section does not cover the terms, characters and units of components for rotary power pumps, positive displacement pumps and their devices.

For symbols and definitions that conform to ISO 80000-1, further explanations may be given where appropriate in this section, if possible. for

Maintain consistency, and some differences are given in this section.

2 Terms and definitions

Note. The definitions in this section focus on the general expression of quantities that are suffixed with frequently used variables. Using the given symbols and angles, you can

Make up other variables and infer the corresponding symbols. For example, the prefixes for "work" and "design" also apply to the defined amount.

2.1 General definition

2.1.1

Pump pump

Mechanical equipment for transporting liquids, usually bounded by inlet and outlet flanges and shaft ends.

2.1.2

Pump unit pumpunit

The overall mechanical equipment, including the pump (2.1.1) and the driver (2.2.2), as well as the transmission parts, the base and other auxiliary equipment.

2.1.3

Device instalation

In order to meet the requirements of use, the piping, support, foundation, control, power and other system arrangements connected to the pump or pump unit.

2.1.4

Rotating system rotatingsystem

Rotating parts connected to the pump, drive and drive train.

2.1.5

Hydraulic system

All components that affect the flow, static and dynamic pressure of a system.

2.1.6

Water power waterhorsepower

The power delivered to the delivery liquid by the pump.