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

GB/T 26946.2-2011

**Single side loading fork-lift trucks -- Part 2: Additional stability
tests for trucks handling freight containers of 6m length and
above**

侧面式叉车 第2部分：搬运6m及其以上长度货运集装箱叉车的附加稳定性试验
(English Translation)

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Foreword

GB/T 26946 "side of the truck" is divided into two parts.

--- Part 1. Stability test;

--- Part 2. Handling 6m and above the length of the truck freight containers Additional stability tests.

This section GB/T Part of 226,946.

This part identical with ISO 13563-2:2001 "truck side - Part 2. Handling 6m and above the length of the fork freight containers Additional stability test vehicle "(in English).

This section is equivalent translation ISO 13563-2:2001.

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

--- Deleted international standards foreword;

--- 6 to 11 transferred to Table 1;

--- Figures 6, 7 and 8 in the XY has been re-labeled;

--- Figure 3 has been revised and improved.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee Vehicle (SAC/TC332) centralized.

This section is responsible for drafting unit. Anhui Heli Co., Ltd., Beijing Materials Handling Design and Research Institute.

Participated in the drafting of this section. Xiamen, Xiamen Engineering Machinery Company Limited.

1 Scope

This section GB/T 26946 specifies the verification and handling more than 6m length or full-load cargo containers side truck (Hereinafter referred to as the truck) Additional stability test.

This section provides for the GB/T 26946.11) list of additional testing.

1) GB/T 26946.1 "side of the truck - Part 1. Stability Test." Stability tests included in this section to ensure the transport of freight containers in the truck does not exceed the wind speed 12.2m/s (Beaufort Have sufficient stability when under level 6) Conditions stacking operations. The forklift operation at higher wind speed, can be substituted into the formula 3.4.3 higher V Replace the value determined rating.

This section does not apply to the following.

- a) Handling swing freely suspended loads;
- b) moving the center of gravity of the container will be moved (see GB/T 17382) occurs.

Tests specified in this section have been considered container GB/T 17382 stipulated under normal circumstances may have eccentric loads.

When carrying GB/T 7392 regulations refrigerator empty container with integral cooling unit should be considered an offset load.

2 Normative references

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

GB/T 7392 Series 1 freight containers technical requirements and test methods for thermal containers (GB/T 7392-1998, ISO 1496-2.

1996, IDT)

GB/T 8591 moving machinery - Seat index point (GB/T 8591-2000, eqv ISO 5353:1995)
GB/T 17382 Series 1 container handling and bolted (GB/T 17382-2008, ISO 3874:1997, IDT)

3.1 Test Requirements

Stability and handling 6m above the truck freight containers shall adopt one of the methods specified in 3.2 to verify.

3.2.1 Tilt platform

You should use about one side of the tilt test platform. The truck will be tried according to the conditions specified in 3.3, is placed in the initial horizontal state on a test platform, and then press the table given in each position 1 sequentially tested.

When each test, the test platform shall be tilted slowly to tilt specified in Table 1. If the truck passed all tests without dumping