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

GB/T 26946.1-2011

**Single side loading fork-lift trucks -- Part 1: Stability tests
(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 126,946.

This part identical with ISO 13563-1:2001 "side of the truck - Part 1. Stability Test" (in English).

This section is equivalent translation ISO 13563-1:2001.

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

--- Deleted international standards foreword;

--- 4.3.2 unset point M and N points;

--- Table 2 units were centralized labeling;

--- 2 to 17 moved to table 3;

--- Figures 2, 3, 4, 10, 11, 12, XY has been re-labeled;

--- FIG. 13, FIG. 14 to increase the longitudinal center plane of the truck;

--- 17 were complements.

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 (hereinafter referred to as cross validation with tiltable or non-mast tilt or fork truck side Stability of the car) basic test.

This section applies equipped with forks and/or attachment of the truck.

This section does not apply to trucks transporting freely swinging suspension loads.

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 8591 moving machinery - Seat index point (GB/T 8591-2000, eqv ISO 5353:1995)

3.1 Normal operating conditions

Have sufficient basic stability test specified in this part, to ensure the correct use of this type of truck in the following normal operating conditions Qualitative, namely.

- a) running on a solid, flat, level and paved roads and stacking operations;
- b rear) mast or fork tilt, load retracted and at a lower (run) position, load or run on the stage of the state;
- c) In the mast substantially vertical, substantially horizontal state under the fork stacking;
- d) load center of gravity about the job performed within the center plane between the mast uprights.

3.2 Non-normal operating conditions

When not working with the same conditions as specified in 3.1 should be used.

- a) meet specific criteria GB/T 26946 in other parts of the corresponding provisions of the forklift; or Stability b) agreed by the relevant truck, but test the stability of not less than the requirements set out under normal operating conditions (see 3.1).

4.1 Test requirements

Lateral stability truck should be in one of the test methods specified in 4.2 to be verified.

4.2.1 Tilt platform

You should use about one side of the tilt test platform. The truck will be tried according to the conditions specified in 4.3, and placed in an initial horizontal state on a test platform, and then press each location given in Table 3 were tested sequentially.