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

GB/T 14785-2008

Replacing GB/T 14785-1993

**Tractors and machinery for agricultural and forestry - Test
methods of wheels side load fatigue**

农林拖拉机和机械 车轮侧向负载疲劳试验方法

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Foreword

This standard is GB/T 14785-1993 "tractors and forestry machinery wheel side loading fatigue testing," the amendment. Revision In addition to editorial changes made outside this standard compared with GB/T 14785-1993 main changes are as follows:

--- Change the standard name;

--- Increased in Chapter 2, normative references. From the date of implementation of this standard instead of GB/T 14785-1993. The standard proposed by China Machinery Industry Federation. This standard by the National Standardization Technical Committee of the tractor. This standard was drafted. National Tractor Quality Supervision and Inspection Center. The main drafters of this standard. Lijing Zhong, Shen Wei, Wu Qi Zhen. This standard replaces the standards previously issued as follows:

--- GB/T 14785-1993. Tractors and machinery for agriculture and forestry Wheels side load fatigue testing

1 Scope

GB/T 14785-2008 is the Chinese national standard on tractors and machinery for agricultural and forestry - test methods of wheels side load fatigue, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 3 February 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2008. Classification: ICS 65.060.10, CCS T64. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the agricultural and forestry tractors and machinery wheels side

load fatigue testing. This standard applies to tractors, combine harvesters and agricultural machinery are equipped with wheels.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2979-1999 agricultural tires series

3 Test sample

The test sample should be inspected factory finished wheels.

4 Test Equipment

4.1 test rig shall be subjected to a means for rotating the wheel moment (see Figure 1), the same principle of other loading test rig can be used. 1

- test bench hub; 2
- connecting flange; 3
- subjects wheel; 4
- clips, clamps; 5
- loading arm; 6
- stopper bolt; 7
- load plate; . 9
- top elevation; 10
- stopper plate; . 11
- stopper bracket.

1 wheels side load fatigue test bench schematic