

ICS 65.060
CCS T54



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

GB/T 19130-2015

Replacing GB/T 19130-2003

**Tri-wheel vehicles and low-speed goods vehicles-Performance
of speed meters**

三轮汽车和低速货车 车速表使用性能

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 19130-2003 "farm vehicles speedometer performance." This standard and GB/T 19130-2003 Compared to the main changes are as follows:

- Standard name from "farm vehicles speedometer performance" to "three-wheeled vehicles and low-speed vehicles speedometer performance";
- The "farm vehicles" to "three-wheeled vehicles and low-speed vehicles";
- Normative references have been adjusted and reconfirmation;
- Added "interval speed value indicated on the dial does not require a uniform" requirement;
- Increased precision measuring instruments. The standard proposed by China Machinery Industry Federation. The low standard by the National Automotive Standardization Technical Committee (SAC/TC234) centralized. This standard drafting units. Mechanical Industry Development Research Center of farm vehicles. Participated in the drafting of this standard. Shandong Shifeng (Group) Co., Ltd., Shandong five levy Group Co., Ltd., Jiangsu University, Sichuan South Chun Automobile Group Co., Ltd., Beiqi Foton Motor Co. Zhucheng automobile plant. The main drafters of this standard. Chen Ge, Lv Shusheng, Guan Peng, Wang Xia Min, Chen Kunshan, Dingji Kang, Sun Gapyeong. This standard replaces the previous standard version of the case.
- GB/T 19130-2003. Three-wheeled vehicles and low-speed vehicles Speedometer Performance

1 Scope

GB/T 19130-2015 is the Chinese national standard on tri-wheel vehicles and low-speed goods vehicles-performance of speed meters, 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 15 May 2015 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 October 2015. Classification: ICS 65.060, CCS T54. 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 three-wheeled vehicles and low-speed vehicles with a speedometer in the loading state performance requirements, an indication error, test specifications and test Correction. This standard applies to three-wheeled vehicles and low-speed vehicles (collectively, low-speed vehicles) with a speedometer.

2 Normative references

The following documents for the application of this document is essential. For cited documents with dates, only the dated edition applies to this document. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 23917-2009 Test method for low-speed vehicles

GB/T 23931-2009 Test methods for three cars

3 Performance requirements

3.1 speedometer dial should be located within the driver's direct field of vision, and day and night can be clearly legible.

3.2 speedometer indicates vehicle speed range should include the maximum speed of the low-speed car factory value given.

3.3 speedometer speed unit is kilometers per hour (km/h). At 20km/h above the speed limit to between the value of its division value should represent A 1km/h, 2km/h, 5km/h, 10km/h in any of a vehicle speed value indicated on the dial should be 20km/h multiples. Interval value on speed dial marked

3.4 does not require uniformity.

4 Indication error

Speedometer indicates the vehicle speed can not be lower than the actual vehicle speed. In the test speed specified in 5.5, which indicates the difference between the actual speed of the vehicle shall comply with the Jog (1). $0 \leq v_1 - v_2 \leq v_2$ (1) Where. v_1

--- indicating vehicle speed, in units of kilometers per hour (km/h); v_2

--- the actual vehicle speed, in units of kilometers per hour (km/h).

5 Test specification

5.1 Test the reference temperature at the speedometer shall be $23\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$.

5.2 Test instruments for measuring the low vehicle speed error should not exceed $\pm 1.0\%$, temperature measuring instrument error should not exceed $\pm 1\text{ }^{\circ}\text{C}$, Tire pressure measuring instrument error should not exceed $\pm 10\text{kPa}$.

5.3 test case before the low-speed vehicles and equipment requirements.