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

GB/T 12547-2009

Replacing GB/T 12547-1990

Minimum stable speed test method for motor vehicles

汽车最低稳定车速试验方法

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Foreword

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA ICS

GB/T 12547-2009 Replacing GB/T 12547-1990 Minimum Stable Speed Test Method for Motor Vehicles

1 Scope

GB/T 12547-2009 is the Chinese national standard on minimum stable speed test method for motor vehicles, in the field of road vehicles engineering. 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 23 March 2009 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 January 2010. Classification: ICS 43.020, CCS T04. 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 minimum stable speed test method for motor vehicles. This standard is applicable to all kinds of motor vehicles. Automobile train may be implemented by reference to this standard.

2 Normative References

The following referenced documents are indispensable for the application of this document. For dated reference, subsequent amendments (excluding corrigendum) or revisions of these publications do not apply. However, all parties who enter into an agreement according

to this standard are encouraged to study whether the latest edition of this document is applicable. For undated references, the latest editions of the normative documents are applicable to this standard.

GB/T 12534 Motor Vehicles - General Rules of Road Test Method

GB/T 12543 Motor Vehicles - Acceleration Performance - Test Method

GB/T 12677 Motor vehicles - Technical condition - Inspection methods

3 Terms and Definitions

For the purposes of this standard, the following terms and definitions apply.

3.1 Minimum stable speed It refers to the minimum speed at which motor vehicles can travel steadily; this speed can ensure the motor not stalled, transmitting mechanism not vibrated, motor vehicle in steady and continuous acceleration, and the corresponding engine speed not declined.

4 Test conditions

5.3 If the motor vehicle fails to meet those specified in Article 5.2, the stable speed of the motor vehicle in

5.1 shall be increased properly, and repeat the test until the minimum stable speed that meets those specified in Article

5.4 The testing shall be carried out back and forth at least each 1 time.

5.5 The clutch shall not be cut off, so as to maintain the motor vehicle in stable travelling; or the clutch shall not be made slipping in testing; and gear-shift is not allowed.

6 Test Results

6.1 Arithmetic average of the actual measurement speed shall be taken as the minimum stable speed in this gear position of this motor vehicle.

Annex A

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