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

GB 19757-2005

Replacing GB 18321-2001 ial; GB/T 19118-2003 ial

**Limits and measurement methods for noise emitted by
accelerating tri-wheel and low-speed vehicle**

三轮汽车和低速货车加速行驶车外噪声限值及测量方法(中国I、II阶段)

(English Translation)

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Foreword

To implement the "People's Republic of China Environmental Protection Law" and "People's Republic of China Environmental Noise Pollution Prevention Law," three controls

Cars and trucks low noise emissions and protect the environment, the development of this standard.

This standard is based on GB 7258-2004 "safe operation of motor vehicles technical conditions" will "three farm vehicles" was renamed "three

Car ", the" four-wheel farm vehicles "was renamed" low-speed vehicles. "

This standard specifies two accelerated with the implementation phase of the three-wheeled vehicles and low-speed vehicle type approval and production tests of consistency checks

Exterior noise limits and measurement methods.

The date of promulgation of this standard instead of GB 18321-2001 "Noise Limits Farm Transporter" and GB/T 19118-2003 "farming

With truck noise measurement methods "on farm vehicles accelerated with the contents of the vehicle noise limits and measurement methods, and GB

18321-2001 and GB/T 19118-2003 compared to the main changes are as follows.

--- Farm vehicles will accelerate with exterior noise measurement requirements for sound level meter from type 2 to type 1;

--- For farm vehicles with vehicle acceleration noise measurement conditions were reasonable adjustment;

--- Will take on the biggest record results for the measured time with a predetermined acceleration farm vehicles exterior noise values, to pick up the car

The average vehicle on both sides of the greater value of the measured acceleration of the vehicle with the maximum vehicle noise value.

Appendix A of this standard is a normative appendix, Appendix B is an informative annex.

According to relevant laws and regulations, the standard shall be enforceable.

This standard was proposed by the State Environmental Protection Administration of Science, Technology.

This standard was drafted by the Development Research Center of China Agricultural Vehicles Environmental Science Research Institute of the atmosphere, the machinery industry.

This standard is approved by the State Environmental Protection Administration May 30, 2005.

This standard since July 1, 2005 implementation.

This standard is interpreted by the State Environmental Protection Administration.

Book GB 19757 2005

Three-wheeled vehicles and low-speed vehicles with vehicle acceleration noise limits and measurement methods

(China I, II stage)

1 Scope

This standard specifies the three-wheeled vehicles and low-speed vehicles with vehicle acceleration noise limits and measurement methods.

This standard applies to three-wheeled vehicles and low-speed vehicle type approval and production consistency check.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequently

Some amendments (excluding corrections) or revisions do not apply to this standard, however, encourage an agreement in accordance with this standard

Parties to study the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 7258 Safety requirements for operation of motor vehicles

GB/T 3785 sound level meter electric, acoustic performance and test methods

GB/T 15173 acoustic calibrator

JB/T 7235 Test methods for four-wheel farm truck

JB/T 7237 Farm Fransport Test Method

GB 7258 Safety requirements for operation of motor vehicles

3 noise limits

Three cars or low-speed vehicles to accelerate with the vehicle shall comply with the noise limits specified in Table 1.

Table 1 three cars or low-speed vehicles with vehicle acceleration noise limits

Pilot implementation phase

Noise Limit/dB (A)

Multi-cylinder diesel engine mounted low-speed vehicles and low-speed trucks wheel vehicles mounted single-cylinder diesel engine

Type approval

Phase I ≤ 83 ≤ 84

The first phase of ≤ 81 ≤ 82 II

Conformity of Production

Phase I ≤ 84 ≤ 85

The first phase of ≤ 82 ≤ 83 II

4 type approval

Acceleration with 4.1 three cars or low-speed vehicles, the company should be made in line with the scope of application of this standard three-wheeled vehicles and low-speed trucks

Exterior noise emission levels, to the competent authorities responsible for vehicle type approval (hereinafter. the type approval authorities) proposed type of nuclear

Prospective applicants.

4.2

three cars or low-speed vehicles, the company or manufacturing units should be submitted three cars or low-speed vehicles and the main assembly of the vehicle, such as

Engine, clutch, transmission and other technical parameters, in particular, should be provided in relation to the design of the vehicle can function for noise control

And related technical documents.

4.3

application for three cars or low-speed vehicles to speed up traffic noise outside the car or the type approval, the company must submit a compliance with manufacturing units

The techniques described above prototype vehicle type approval by the competent authorities to entrust testing organization (hereinafter referred to as "detection means") for inspection.

Detecting mechanism should be the standard in Appendix A noise measured in accordance with Appendix B to record, complete the inspection of the contents of this standard. Detect Agencies should test results issued by the test report and submitted to the type approval authorities.

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4.4

test results detecting means consistent with the standard three cars or low-speed vehicles type approval tests prescribed limits, it is considered qualified, whether

It was unqualified.

5 type-approval extension

5.1

three cars or low-speed vehicles to accelerate the vehicle with the vehicle noise type approval shall be extended to apply to the company or the type of manufacturing units

Type approved by the competent department.

5.2

Manufacturer or manufacturing units shall submit an application type detection mechanism is extended and extended models of vehicle models and key parts, such as

Engine, clutch, transmission and other technical parameters, in particular, should be provided in relation to the design of the vehicle can function for noise control

And related technical documents.

5.3

When necessary, manufacturers or manufacturing units shall submit detecting means meeting the above description of the prototype.

5.4

detection mechanism should be the standard requirements for type-approval extension test, to meet the conditions for type approval extended models issued

Test report and submitted to the type approval authorities. On three cars or low-speed vehicles to speed up traffic noise outside the car, in the following main

To respect there is no difference with the approved vehicle type approval models can be