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

GB 19756-2005

**Limits and measurement methods for exhaust pollutants from
diesel engines of tr-wheel low-speed goods vehicles**

三轮汽车和低速货车用柴油机排气污染物排放限值及测量方法（中国I、II阶段）
(English Translation)

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Foreword

This standard is formulated, to implement the "Environmental Protection Law of the People's Republic of China" and the "Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution", prevent and control the pollution of the ambient air, which is caused by the pollutant discharge of tri-wheel & low-speed goods vehicles equipped with diesel engines, protect the environment.

According to GB 7258-2004 "Safety specifications for power-driven vehicles operating on roads", RENAME the "tri-wheel agricultural transport vehicle" as "tri-wheel vehicle"; RENAME the "four-wheeled agricultural transport vehicle" as "low-speed goods vehicle".

This standard specifies the emission limits and measurement methods for type approval and production consistency inspection tests in two implementation phases.

Appendix A, Appendix B, Appendix C of this standard are normative appendices.

In accordance with relevant laws and regulations, this standard has the effect of

mandatory execution.

This standard was proposed by the Science and Technology Standards Department of the State Environmental Protection Administration.

The main drafting organizations of this standard. Beijing Automobile Research Institute, Jinan Automobile Testing Center, Agricultural Transport Vehicle Development Research Center of Machinery Industry.

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

This standard came into effect on January 1, 2006.

This standard is interpreted by the State Environmental Protection Administration.

This standard is formulated for the first time.

Limits and measurement methods for exhaust pollutants
from diesel engines of tri-wheel & low-speed goods vehicles

1 Scope

This standard specifies the emission limits and measurement methods of exhaust pollutants from diesel engines of tri-wheel & low-speed goods vehicles.

This standard is applicable to diesel engines which are installed in tri-wheel & low-speed goods vehicles, as well as their vehicles.

If the diesel engines, which are installed in tri-wheel & low-speed goods vehicles, have passed the type approval, according to GB 17691-2001 "Limits and measurement methods for exhaust pollutants from compression ignition (C.I.) engines of vehicles", THEN, the diesel engines installed in these vehicles do not need to be type approved in accordance with this standard.

2 Normative references

The provisions in following documents become the provisions of this Standard through reference in this Standard. For the dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this Standard; however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions

of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB 252-2000 Light diesel fuels

GB 7258 Safety specifications for power-driven vehicles operating on roads

GB 17691-2001 Limits and measurement methods for exhaust pollutants from compression ignition (C.I.) engines of vehicles

GB/T 17692-1999 Measurement methods of net power for automotive engines

GB/T 19147-2003 Automobile diesel fuels

GB 18322 Limits and measurement methods for smoke at free acceleration from agricultural vehicles

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Tri-wheel & low-speed goods vehicles

According to the provisions of GB 7258-2004.

Tri-wheel vehicles refer to freight vehicles, which have three wheels whose maximum design speed is less than or equal to 50 km/h.

Low-speed goods vehicles refer to freight vehicles, which have four wheels whose maximum design speed is less than 70 km/h.

3.2 Type approval of vehicle

It refers to the approval of a vehicle type for the emission level of exhaust pollutants.

3.5 Diesel engine family

Refers to a group of diesel engines, which are designed by the manufacturer in accordance with the provisions of Annex AB. These diesel engines have similar exhaust emission characteristics; all diesel engines in the same family must meet the corresponding emission limits.

3.6 Source engine

It refers to a diesel engine, which is selected from a diesel engine family, that can represent the emission characteristics of the diesel engine family.

4.1 Application for type approval

Manufacturers of tri-wheel & low-speed goods vehicles OR diesel engines for tri-wheel & low-speed goods vehicles shall make application for the type approval, from the emission type approval department, which is responsible for the emission of vehicle, (hereinafter referred to as the "type approval authority"), on the exhaust pollutant emission levels of the tri-wheel & low-speed goods vehicles and the diesel engines, that meet the applicable scope of this standard.

4.1.1 Application for type approval of diesel engines for tri-wheel & low-speed goods

vehicles

4.1.2.1 Application for type approval of models equipped with non-type approved diesel engines

4.1.2.2.1 Manufacturers of tri-wheel & low-speed goods vehicles shall apply for type

approval of the tri-wheel & low-speed goods vehicles, which are equipped with diesel engines, that have been type-approved in terms of their exhaust pollutant emission levels.

4.2 Approval of type approval

Diesel engines, that meet the requirements of Article 4.2.1 and Article 4.2.2 of this standard, OR tri-wheel & low-speed goods vehicles, that meet Article 4.2.3 and Article

4.2.4 of this standard, shall be granted type approval and issued with the type approval

certificate, in accordance with Appendix C.