

HJ

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

中华人民共和国环境保护行业标准

HJ/T 390-2007

Replace HBC 32-2004

**Technical requirement for environmental protection product
Control system of fuel evaporative pollutants from vehicle with
petrol engine**

环境保护产品技术要求

汽油车燃油蒸发污染物控制系统(装置)

(Release)

Issued on December 03, 2007

Implemented on March 01, 2008

Issued by National Environmental Protection Bureau

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Foreword

This standard is formulated in order to implement *Environmental Protection Law of the People's Republic of China*, reduce the influence of light vehicle on the environment and human health during the use process and improve the environmental quality.

This standard is formulated according to the current industrial technology and equipment level, which sets forth the requirements on the performance of the control system (device) of fuel evaporative pollutants from vehicle with petrol engine gasoline.

Since the date of implementation of this standard, the *Identified Technical Requirement for Environmental Protection Product Control System (Device) of Fuel Evaporative Pollutants from Vehicle with Petrol Engine* (HBC32-2004) was abolished.

This standard is a directive standard.

This standard, in comparison with HBC 32-2004, has the main changes as follows:

—GB 18352.3-2005 Limits and Measurement Methods for Pollutants Emissions from Light Vehicles was added in performance requirements after assembly loading (China III, Stage IV);

—GB14763-2005 Limits and Measurement Methods (Trap Method) for Fuel Evaporative Pollutants Emissions from Heavy-duty Vehicles Equipped with Spark Ignition Type Engines was added in performance requirements of assembly loading.

This standard is provided by the scientific and technical standard department of State Environmental Protection Administration.

Mainly draft units of this Standard are: China Association of Environmental Protection Industry (Committee of Motor Vehicles Pollution Control Technology), China Automotive Technology & Research Center, Beijing Automotive Research Institute, Nanjing Hongguang Light Airborne Equipment Factory, Hua'an Automotive Equipment Limited Company, Highway Research Institute of Ministry of Transportation.

This standard is approved by State Environmental Protection Administration on December 3, 2007.

Implementation date of this standard is on March 1, 2008.

This standard is interpreted by State Environmental Protection Administration.

Control system (device) of fuel evaporative pollutants from vehicle with petrol engine

1 Scope

This standard specifies the definition, technical requirements, test methods, inspection rules and marking, packaging, transportation and storage requirements of the control system (device) of fuel evaporative pollutants from vehicle with petrol engine.

This standard applies to the control system (device) of fuel evaporative pollutants from vehicle with petrol engine (hereinafter referred to as the control system).

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 191 Packaging - Pictorial marking for handling of goods

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB 6388 Transport package shipping mark

GB 14763-2005 Limits and measurement methods for fuel evaporative Pollutants from heavy-duty vehicles equipped with P.I engines(Trap method)

GB 17930 Unleaded petrol (gasoline) for motor vehicles

GB 18352.3-2005 Limits and measurement methods for emissions from light-duty vehicles

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

3.1 Control system

It refers to the system consisting of partial or all turn over stop-flow device, liquid gas

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