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**REPUBLIC OF CHINA**

**中华人民共和国国家标准**

GB/T 19755-2005

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**Measurement Methods for Emissions from Light-duty**

**Hybrid Electric Vehicles**

**轻型混合动力电动汽车 污染物排放**

**测量方法**

**Issued on May 23, 2005**

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**General Administration of Quality Supervision, Inspection and  
Issued by Quarantine of the People's Republic of China**

**Standardization Administration of the People's Republic of China**

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## Foreword

This Standard was referred to partial technical contents on emission for HEV of *Proposal for Draft Amendments to the 05 Series of Amendments to Regulation No.83* proposed by ECE in November 13, 2002; this measurements method is supplementary of GB 18352.2-2001 *Limits and measurement methods for emissions of pollutants from light-duty vehicles( II)*.

Annex A and Annex B of this Standard is normative annex.

Annex C of this Standard is informative annex

This Standard is first formulated.

This Standard was proposed by National Technical Committee on Road Vehicles of Standardization Administration of China.

This Standard was under the jurisdiction of N National Technical Committee on Road Vehicles of Standardization Administration of China.

Draft units of this Standard are China Automotive Technology and Research Center and Tianjin Qingyuan Electric Vehicle Co., Ltd.

Main drafters of this Standard are Lu Hongyu, Gao Haiyang, Qian Guogang and Zhao Chunming.

# Measurement Methods for Emissions from Light-duty Hybrid Electric Vehicles

## 1 Scope

This Standard specifies the measuring methods for exhaust pollutants after a cold start, emissions of crankcase gases, evaporative emissions from light-duty hybrid electric vehicles with positive-ignition engine and measuring methods for exhaust pollutants after a cold start from light-duty hybrid electric vehicles with compression ignition engine.

This Standard is applicable to the light-duty hybrid electric vehicles equipped with positive ignition engine or compression-ignition engine and having a minimum design speed exceeding 50 km/h.

## 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 18352.2-2001 Limits and measurement methods for emissions of pollutants from light-duty vehicles (II)

GB 19753-2005 Test Methods for Energy Consumption of Light-duty Hybrid Electric Vehicles

GB/T 19596-2004 Terminology of electric vehicles

## 3 Terms and Definitions

For the purposes of this Standard, the terms and definitions given in GB/T 18352.2-2001 and GB/T 19596-2004 apply



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