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

中华人民共和国国家标准

GB/T 30512-2014

**Requirements for prohibited substances on
automobiles
汽车禁用物质要求**

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and Quarantine of the People's Republic of China
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China

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Foreword

This Standard is drafted according to the rules specified in GB/T 1.1-2009.

This Standard is proposed by National Development and Reform Commission.

This Standard is under the jurisdiction of the National Technical Committee of Auto Standardization (SAC/TC 114).

The drafting organizations of this Standard: Dongfeng Motor Group Company Limited, China Automotive Technology and Research Center, Chery Automobile Company Limited, Nanjing Automobile Group Co., Ltd.

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Introduction

In order to adapt to develop the circular economy of our nation, to protect the environment and human health, to meet the demands of build a resource-saving and environment-friendly society and to improve the technical level of domestic sales of vehicles, this Standard is hereby formulated.

This Standard is intended to enable the domestic automobile manufacturers and automobile import agents to prohibit the use of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and poly brominated diphenyl ethers in the research and development, production, import, marketing and other links of automobile products. Restriction requirements on other hazardous substances in this Standard are not specified.

This Standard gave full consideration to the technical capacity and feasibility on implementing the standard of automobile industry in the formulation process, as well as the supervision and inspection capacity of domestic related institutions based on the standard to automobile products. The technical provisions and requirements of the standard shall be consistent with China's recycling technical policy and related management methods as much as possible and close to the internationally accepted technical regulations. At the same time, when determining the technical requirements, technical indicators and the exemption deadline of the standard, it shall give full consideration to China's economic development level and production level, technical capacity and product status of automobile industry. Limit indicators of prohibited substances and exempt automotive materials and parts list at a given period are formed based on the sampling inspection and verification of domestic automobile parts products. National Technical Committee of Auto Standardization will timely modify and adjust the scope, content requirements, exemption scope and deadline of prohibited substances in the list according to the requirements of development situation of China's automobile industry, technical progress of automobile products, protecting environment of nation and human health. The maintenance accessories of automobiles sold after implementation time of the standard shall be in accordance with the requirements for prohibited substances on automobiles as same as it used by new models. Before the stipulated

implementation time, automobile models got notice or imported and sold can continue to using spare parts of raw materials in maintenance, but we suggest the maintenance parts shall be the same materials as new models.

Requirements for prohibited substances on automobiles

1 Scope

This Standard specifies the prohibited substances of automobile and its parts products.

This Standard applies to the automobile and parts products used in China.

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 (Including all corrections) or revisions made thereafter shall be applicable to this Standard.

QC/T 941-2013 Test methods of mercury in automobiles materials

QC/T 942-2013 Test methods of hexavalent chromium in automotive materials

QC/T 943-2013 Test methods of lead and cadmium in automotive materials

QC/T 944-2013 Test methods of polybrominated biphenyls and polybrominated diphenyl ethers in automotive materials

3 Terms and definitions

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

3.1

Homogeneous materials

Parts or modules (such as unscrewing, cutting, rolling, scraping, and grinding) can not be further split by mechanical methods and all parts are in the same material.

4 Scope of prohibited substances

4.1 Scope of prohibited substances

The prohibited substances required in this Standard refer in particular to the following six substances:

- a) Lead or its compounds;
- b) Mercury or its compounds;
- c) Cadmium or its compounds;
- d) Hexavalent chromium;
- e) Polybrominated biphenyls (PBBs);

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