



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

GB/T 27630-2011

**Guideline for air quality assessment of passenger car
(English Translation)**

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1 Scope

This Standard specifies the concentration of benzene, toluene, dimethylbenzene, ethylbenzene, styrene, methanal, acetaldehyde and acrolein in passenger car.

This Standard is applicable to assessment of the air quality in passenger car.

This Standard is applicable primarily to newly-produced automobiles for sale; it may also be referenced by those vehicles in service.

2 Normative References

This Standard quotes the following documents or the provisions therein.

GB 7258 Safety Specifications for Motor Vehicles Operating on Roads

HJ/T 400-2007 Determination of Volatile Organic Compounds and Carbonyl Compounds in Cabin of Vehicles

3 Terms and Definitions

The following terms and definitions apply to this Standard.

Passenger car

In accordance with GB 7258, passenger car refers to the car that is designed and technically characterized for, mainly, transport passengers, personal luggage and (or) temporary goods;

4 Technical Requirements

Concentration of organic compounds in passenger car is specified in Table 1.

5 Inspection Methods

5.1

Organic compound concentration in the passenger car is tested according to those specified in HJ/T 400-2007. Samples shall be taken under the environment conditions specified in HJ/T 400-2007;

5.2

Other factors (e.g. whether the interiors are changed when the car is exited from factory; interval time between exit-factory and inspection, etc.)

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