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Fuel Consumption Limits for Passenger Cars  
乘用车燃料消耗量限值

(English Translation)

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# Fuel Consumption Limits for Passenger Cars

## 1 SCOPE

This document specifies the application for type approval, determination of fuel consumption, determination and record of type approval values, fuel consumption limits, conformity of production and criteria for determination of one type, with respect to passenger cars.

This document is applicable to the Category M<sub>1</sub> vehicles which can be fueled with gasoline or diesel and of which the maximum design total mass doesn't exceed 3,500 kg.

This document is not applicable to the vehicles fueled with gaseous fuel or alcohol ether fuel only.

## 2 NORMATIVE REFERENCES

The following normative documents contain provisions which, through normative reference in this text, constitute essential provision of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

GB/T 19233-2020 Measurement methods of fuel consumption for light-duty vehicles

GB/T 19596 Terminology of electric vehicles

GB/T 19753-2021 Test methods for energy consumption of light-duty hybrid electric vehicles

GB/T 37340 Conversion methods for energy consumption of electric vehicles

## 3 TERMS AND DEFINITIONS

For the purpose of this document, the terms and definitions given in GB/T 19596 apply.

## 4 APPLICATION FOR TYPE APPROVAL

4.1 The application for type approval of the fuel consumption of a vehicle type or a family that complies with the requirements of 10.2.1 in GB/T 19233-2020 or 8.1 in GB/T 19753-2021 shall be submitted by the manufacturer or by its legal representative.

4.2 The application shall be accompanied by the under-mentioned documents and the particulars (Any drawings shall be supplied to the appropriate scale and in sufficient detail):

- a) Description of engine system characteristics, as set out in Annex A;
- b) Fuel consumption type approval application report, as set out in Annex B to Annex D, with items about measured values, type approval values, limit and information of testing organization blank.

4.3 A sample vehicle, representative of the vehicle type or family to be approved, shall be submitted to the testing organization responsible for type approval test.

## 5 DETERMINATION OF FUEL CONSUMPTION



## ChinaAutoRegs

中国汽车标准译文库

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