

GB 34660-2017 Road vehicles-Requirements and test methods of electromagnetic compatibility

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前言

Foreword

The technical contents of this standard are compulsory except paragraph 5.2.3, 5.3.4, 5.4.1.3, 5.5.4 and 5.6.5.

This Standard is drafted in accordance with the rules given by GB/T 1.1-2009 *Directives for standardization—Part 1: Structure and drafting of standards*.

The proposed implementation dates of this Standard are:

- 1) As from 24 months after the official date of entry into force of this Standard, it shall be implemented on new models;
- 2) As from 36 months after the official date of entry into force of this Standard, it shall be implemented in-production models.

This standard was proposed and prepared by Ministry of Industry and Information Technology of People' s Republic of China.

1 Scope

This standard specifies electromagnetic emission limits, immunity performance and test method of vehicles and electrical/electronic sub-systems.

This standard is applicable to vehicles of categories of M, N and L and their electrical/electronic sub-systems. Vehicles of category O and others may take reference from this standard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced documents (including any amendments) applies.

GB/T 6113.104—2008 Specification for radio disturbance and immunity measuring apparatus and methods—Part 1-4: Radio disturbance and immunity measuring apparatus—Antennas and test sites for radiated disturbance measurements

GB/T 18655—2010 Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers

GB/T 21437.2—2008 Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only

GB/T 29259 Road vehicle - Electromagnetic compatibility terminology

GB/T 33012.1—2016 Road vehicles—Vehicle test methods for electrical disturbances from narrowband radiated

electromagnetic energy—Part 1: General requirements

GB/T 33012.2—2016 Road vehicles—Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy—Part 2: Off-vehicle radiation sources

GB/T 33012.4—2016 Road vehicles—Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy—Part 4: Bulk current injection (BCI)