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

GB/T 17350-2024

Replacing GB/T 17350-2009

**Classification, name and model compilation method for special
motor vehicles and special trailers**

专用汽车和专用挂车分类、名称及型号编制方法

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB/T 17350-2009 "Terms, codes and compilation methods for special-purpose vehicles and special-purpose trailers" and is compatible with GB/T 17350- Compared with.2009, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

--- Changed the scope of the content (see Chapter 1, Chapter 1 of the.2009 edition);

--- Added "Terms and Definitions" and incorporated the relevant contents of the.2009 edition after modification (see Chapter 3,

3.1 of the.2009 edition, 3.1.1, 3.1.1.1, 3.1.1.2, 3.1.2, 3.1.2.1, 3.1.2.2, 3.1.3, 3.1.3.1, 3.1.3.2, 3.1.4, 3.1.4.1, 3.1.4.2, 3.1.5, 3.1.5.1, 3.1.5.2, 3.1.6, 3.1.6.1, 3.1.6.2);

--- Added "Special Purpose Vehicle Classification and Name" and incorporated the relevant contents of the.2009 edition after modification (see Chapter 4,.2009 edition

3.1.1.1.1~3.1.1.1.10, 3.1.1.1.14~3.1.1.1.26, 3.1.1.1.28, 3.1.1.1.29, 3.1.1.2.1~3.1.1.2.71, 3.1.2.1.1~3.1.2.1.12, 3.1.2.1.14~3.1.2.1.26, 3.1.2.2.1, 3.1.2.2.3~3.1.2.2.5, 3.1.2.2.7~3.1.2.2.22, 3.1.3.1.3~3.1.3.1.5, 3.1.3.1.8~3.1.3.1.11, 3.1.3.1.13~3.1.3.1.16, 3.1.4.1.1, 3.1.4.1.3, 3.1.4.1.4, 3.1.5.1.1, 3.1.5.2.1, 3.1.5.2.2, 3.1.5.2.4~3.1.5.2.8, 3.1.6.1.2, 3.1.6.1.3, 3.1.6.2.1~3.1.6.2.50, 3.1.6.2.52~3.1.6.2.79);

--- Added "Special trailer classification and name" (see Chapter 5), and incorporated the relevant contents of the.2009 edition after modification (see Chapter 5) and Appendix A, Chapter 4 of the.2009 edition);

--- Deleted "Terminology compilation method for special-purpose vehicles and special-purpose trailers" (see Chapter 5 of the.2009 edition);

--- Changed the "Structural characteristic codes and usage characteristic codes of special-purpose vehicles and special-purpose trailers" (see Chapter 6 and Appendix B,.2009 Edition Chapter 6 of);

--- Changed the "Method for compiling models of special-purpose vehicles and special-purpose trailers" (see Chapter 7, Appendix A of the.2009 edition). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Automotive Standardization (SAC/TC114). This document was drafted by: China Automotive Research Institute Automotive Inspection Center (Wuhan) Co., Ltd., Equipment Industry Development Center of the Ministry of Industry and Information Technology, Traffic Management Science Research Institute of Ministry of Public Security, Highway Science Research Institute of Ministry of Transport, China Automotive Technology and Research Center Co., Ltd., China Quality Certification Center, Dongfeng Motor Corporation, Dongfeng Commercial Vehicle Co., Ltd., SAIC Maxus Automobile Co., Ltd., Nanjing Iveco Automobile Co., Ltd. Company, Beiqi Foton Motor Co., Ltd., Yutong Bus Co., Ltd., Sany Special Automobile Co., Ltd., Xuzhou Heavy Machinery Co., Ltd., Zoomlion Heavy Industry Science & Technology Co., Ltd., CIMC Vehicles (Group) Co., Ltd., Zhengzhou Yutong Heavy Industry Co., Ltd., Guangxi Automobile Group Group Co., Ltd., Sinopec Petroleum Machinery Co., Ltd., Yantai Jereh Oilfield Equipment Technology Co., Ltd., Chengli Automobile Group Co., Ltd. Company, Zhejiang Geely Yuancheng New Energy Commercial Vehicle Group Co., Ltd., Shanghai Fire Research Institute of the Ministry of Emergency Management, Xiangyang Daan Automobile Testing Center Co., Ltd., Hunan Motor Vehicle Inspection Technology Co., Ltd., China Machinery Science and Technology (Beijing) Vehicle Inspection Engineering Research Institute Co., Ltd., Beijing Automotive Industry Association, Changsha Zoomlion Environmental Industry Co., Ltd., Fulongma Group Co., Ltd., Xuzhou Xugong Environmental Technology Co., Ltd., Qingte Group Co., Ltd., China National Heavy Duty Truck Group Qingdao Heavy Industry Co., Ltd., Jiangxi Jiangling Motors Group Modified Vehicle Co., Ltd., Longyan Changfeng Special Automobile Co., Ltd., Hangzhou Aichi Engineering Vehicle Co., Ltd., Guangdong Yuehai Automobile Co., Ltd., Ningbo Kaifulai Special Automobile Co., Ltd., Baotou North Special Purpose Vehicle Co., Ltd., Tangshan Yate Special Purpose Vehicle Co., Ltd., Baoding Beiao Petroleum Geophysical Exploration Special Vehicle Manufacturing Co., Ltd. Company, Longyan Haidexin Automobile Co., Ltd., Zhengzhou Nissan Automobile Co., Ltd., Shandong Jilu Automobile Modification Co., Ltd., Hanyang Special Purpose Vehicle Research and Development Co., Ltd. Institute, Sinopec Siji Petroleum Machinery Co., Ltd. The main drafters of this document are. Hu Gang, Zhang Long, Xu Chuankang, Ying Chaoyang,

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The classification, name and model compilation method of special-purpose vehicles and special-purpose trailers is a comprehensive guide to the design, production, application and development of special-purpose vehicles and special-purpose trailers in my country. It is one of the basic technical bases for the management of the vehicle industry management department. Therefore, its classification, name and model compilation method standards are the basis for special-purpose vehicles and special-purpose vehicles. It is an important basic and universal standard in the standards for special-purpose vehicles and trailers.

In 2009, my country revised and formed the "Terms and Codes for Special-purpose Vehicles and Special-purpose Trailers". Numbers and Compilation Methods" to define the relevant names and definitions. The classification, name and model compilation method of special-purpose vehicles and special-purpose trailers provides a basic terminology dictionary for the special-purpose vehicle and special-purpose trailer industry. The purpose is to meet the needs of the automotive industry, which is reflected in.

---This document mainly stipulates the types of special-purpose vehicles and special-purpose trailers allowed for use in my country's laws and regulations, and also refers to my country's The terms and definitions given in the existing relevant standards, such as GB/T 3730.1, etc.;

---This document does not include the management scope of my country's automobile industry management departments and road traffic management departments, as well as the existing Vehicle types outside the scope of application of relevant standards, such as special vehicles for civil airports, modular unit vehicles and hydraulic suspension trailers;

---This document also includes vehicle types that have not yet been promoted in my country but have been maturely applied abroad, such as special transport rigid pole trailers and special operation rigid pole trailers, etc.;

1 Scope

GB/T 17350-2024 is the Chinese national standard on classification, name and model

compilation method for special motor vehicles and special trailers, in the field of road vehicles engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2026. Classification: ICS 43.160, CCS T04. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the classification and names, structural characteristic codes and usage characteristic codes, and model compilation method of special-purpose vehicles and special-purpose trailers. This document applies to special-purpose vehicles and special-purpose trailers that are designed, manufactured and technically characterized for use on roads. This document does not apply to special vehicles, modular unit vehicles and hydraulic suspension trailers for civil airports.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 8170 Rules for rounding off numbers and the expression and determination of limit values

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Special purpose vehiclesspecialmotorvehicle In terms of design, manufacture and technical characteristics, it is used to carry specific personnel, transport special goods (including special structures for the cargo area), or equipment A vehicle with special equipment used for special engineering (including health and medical) operations or special purposes. [Source: GB/T 3730.1-2022, 3.3.4, modified]

3.1.1 Specially designed or subsequently manufactured and modified based on a sedan, sports car, off-road vehicle, or multi-purpose vehicle Other passenger vehicles that are mainly used to carry specific personnel and have special bodies and/or equipment required to perform specific functions. [Source: GB/T 3730.1-2022, 4.1.5]

3.1.2 Special bus In terms of design, manufacture and technical characteristics, a