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

JT/T 1274-2019

Classification of commercial vehicle for cargo transportation

道路货物运输车辆类型划分 清晰版

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Terms and definitions
3 Vehicle Type Division Rules
Appendix A (informative) Example of vehicle type division

Foreword

This standard is in accordance with GB/T Draft the rules given in 1-2009.

This standard is proposed by the Transportation Services Department of the Ministry of Transport.

This standard is under the jurisdiction of the National Road Transport Standardization Technical Committee (SAC/TC 521).

1 Scope

This standard specifies the rules for the classification of road cargo transportation vehicles.

This standard applies to the classification of road cargo transportation vehicles.

2 Terms and definitions

The following terms and definitions apply to this document.

Rigid bar trailer barrailer Trailer with one-axis or multi-axis structure, driven by a towing vehicle, and.

- a) the traction device cannot move vertically relative to the trailer;
- b) when the load is uniform, the axle is located close to the center of gravity of the trailer;
- c) The vertical static load of the trailer acting on the tractor is greater than 10% of the maximum designed gross mass of the trailer, or greater than 1,000 kg and less than 2,000kg.

3 Vehicle type division rules

The types of road cargo transportation vehicles are classified according to the principles and order of total mass, structure, type of transported goods, automobile power, and

vehicle types.

You can select one to five categories for combination. See Table 1 for details. Which is divided into heavy, medium, light and micro according to the total mass See Table 2 for details. See Appendix A for examples.

Table 1 Classification of road cargo transportation vehicles

Total mass structure Cargo type Car power g Vehicle type Gasoline trucks for heavy cargo Diesel semi-trailer tractor for transportation of large vans Light-duty barrage type dangerous goods transport gas fuel towing truck Mini flat type special cargo transport f dual-purpose fuel semi-trailer Dump type (container transport) dual-fuel mid-axle trailer h Tank type a (refrigerated storage and transportation) pure electric rigid rod trailer i Vehicle transportation b (tank container transportation) Hybrid towbar trailer Container transportation c (vehicle transportation) Low plate d Closed e Special structure JT/T 1274-2019

Table 1 (continued)

a "Tank type" corresponds to "Special Cargo Transportation (Tank Container Transportation)" in "Types of Transported Cargo", and the corresponding type of transported goods is no longer marked.

b "Vehicle transportation" corresponds to "special cargo transportation (vehicle transportation)" in "Types of transported goods", and the corresponding types of transported goods are no longer marked.

c "Container transportation" corresponds to "special cargo transportation (container transportation)" in "Types of transported goods", and the corresponding types of transported goods are no longer marked.

d "Low slab" is applicable to "transportation of large items" in "transport cargo type" and "semi-trailer" in "vehicle type".

e "Closed" applies to "cargo vehicles" in "Vehicle Types".

f "Special cargo transportation" means one of "container transportation", "refrigerated storage and transportation", "tank container transportation" and "vehicle transportation".

g The items in "Automotive Power" apply to "Cargo Trucks", "Semi-trailer Tractor" and "Tractor Trucks" in "Vehicle Type".

h "Center-mounted trailer" is applicable to "van", "vehicle transportation" and "container transportation" in "structure".

ii "Rigid pole trailer" is applicable to "Vehicle transportation" in "Structure".

j "Half-mounted towing platform" is only applicable to "Total Mass" category.

Table 2 Road cargo transport vehicles are divided into kilograms based on total mass

Vehicle Type

Heavy

Heavy type III heavy type II heavy type I Medium Lightweight Mini Automotive GVW > 26,000 18,000 < GVW ≤ 12 000 < GVW ≤ 4 500 < GVW ≤ 1 800 < GVW ≤ GVW ≤ 1 800 Trailer GVW > 24 000 18,000 < GVW ≤ 10 000 < GVW ≤ 4 500 < GVW ≤ 750 < GVW ≤ GVW ≤ 750 Note. GVW is the maximum design total mass.

JT/T 1274-2019

Appendix A

(Informative appendix)

Example of vehicle type division A. 1 Example of classification of trucks A. 1. 1 Vehicle basic information the basic information of the example vehicle is shown in Table A. 1.

Table A. 1 Basic information of a sample truck

Type of fuel used

Heavy van truck freight 18 400kg diesel A. 1. 2 Vehicle type determination According to the principle and order of total mass, structure, type of cargo to be transported, vehicle power, and vehicle type, determine that this example vehicle type is "heavy Type II van general cargo diesel truck ". The relevant information is determined as follows.

- a) Determine Table A according to the division of total mass in Table 2. 1 of 18 400kg belongs to heavy type II;
- b) Determine Table A according to the structure of Table 1. 1 medium and heavy vans are vans;
- c) Determine according to the classification of the types of goods transported in Table 1 and the nature of road transport industry declarations, use of driving licenses, and actual conditions of vehicles

Table A. 1 China Freight is a general cargo transportation;

d) According to the division of automobile power in Table 1, determine Table A. 1 The fuel type is diesel;

e) According to the classification of vehicles in Table 1, determine Table A. 1 Medium and heavy vans are trucks.

A. 2 Example of semi-trailer classification A. 2. 1 Vehicle basic information the basic information of the example vehicle is shown in Table A. 2.

Table A. 2 Basic information of the sample semi-trailer

Total quality of vehicle use Heavy Low Flatbed Semi-trailer Freight 40000kg A. 2. 2 Vehicle type determination According to the principle and order of total mass, structure, type of cargo to be transported, and vehicle type, the vehicle type of this example is determined to be "Heavy Type III Low Flat Semi-trailer for transporting large objects. "The relevant information is determined as follows.

- a) Determine Table A according to the division of total mass in Table 2. 24000kg is heavy III type;
- b) Determine Table A according to the structure of Table 1. 2 Medium-heavy low-floor semi-trailers are low-floor;
- c) Determine according to the classification of the types of goods transported in Table 1 and the nature of road transport industry declarations, use of driving licenses, and actual conditions of vehicles

Table A. 2 China Freight is a large-scale transportation;

JT/T 1274-2019

- d) According to the classification of vehicles in Table 1, determine Table A. 2 Medium and heavy-duty flatbed semi-trailers are semi-trailers.

A. 3 Example of type division of center axle trailer A. 3. 1 Vehicle basic information the basic information of the example vehicle is shown in Table A. 3.

Table A. 3 Basic information of the sample semi-trailer

Total quality of vehicle use Heavy-duty center axle vehicle transporter freight 16 690 kg A. 3. 2 Vehicle type determination According to the principle and order of total mass, structure, type of cargo to be transported, and vehicle type, the example vehicle type is determined to be "heavy-type vehicle Lose the central axle trailer ". The relevant information is determined as follows.

- a) Determine Table A according to the division of total mass in Table 2. 3 of 16 690 kg belongs to heavy type I;
- b) Determine Table A according to the structure of Table 1. 3 Medium and heavy-duty mid-axle vehicle transporters belong to vehicle transportation;
- c) Determine according to the classification of the types of goods transported in Table 1 and the nature of road transport industry declarations, use of driving licenses, and actual conditions of vehicles

Table A. 3 China Freight is a special cargo transportation (vehicle transportation), according to the footnote b of Table 1

No need to mark;