



JT/T 617.7-2018

Regulations Concerning Road Transportation of Dangerous Goods - Part 7: Transport conditions and operational requirements

危险货物道路运输规则 第7部分：运输条件及作业要求

Ministry of Transport of the People's Republic of China

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People's Republic of China Transportation Industry
Standard

JT/T 617.7-2018

Partly in place of JT 617-2004

Regulations Concerning Road Transportation of Dangerous
Goods-

Part 7: Transport conditions and operational requirements

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第 7 部分： 运输条件及作业要求

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Foreword

JT/T 617 “Regulations Concerning Road Transportation of Dangerous Goods” consists of seven parts:

- Part 1: General rule;
- Part 2: Classification;
- Part 3: Index of dangerous goods name and transportation requirement;
- Part 4: Provisions for the use of transport packaging;
- Part 5: Consignment;
- Part 6: Provisions concerning the conditions of carriage, loading, unloading and handling;
- Part 7: Transport conditions and operational requirements.

This part is the seventh part of JT/T 617.

This section is drafted in accordance with the rules given in GB/T 1.1-2009.

This section replaces JT 617-2004 "Vehicle Transport Dangerous Goods Code" and the main technical changes compared with JT 617-2004 are as follows:

- Increased transport equipment conditions (Chapter 4);
- Increased driver training requirements (see 5.1);
- Increased driver training content (see 5.2);
- Increased training requirements for personnel involved in road transport of dangerous goods (see 5.3);
- Modified carrying documents and certifications (see 6.1; 2004 edition 9.2);
- Revised the requirements of the crew of the vehicle (see 6.2; Chapter 10 of the 2004 edition);
- Increased vehicle parking requirements (see 6.3);

- Increased vehicle access requirements (see 6.4);
- Added special provisions for transportation operations (see Appendix A),
- Added tunnel category description and tunnel access restriction code (see Appendix B).

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

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

This section drafted by: Highway Research Institute of the Ministry of Transport, China National Nuclear Corporation, BASF (China) Co., Ltd., Institute of Transportation Science, Chang'an University, Beijing Jiaotong University, China Classification Society certification company.

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The previous releases of the standards replaced by this standard are:

- JT 3130-1988;
- JT 617-2004.

Regulations Concerning Road Transportation of Dangerous Goods

Part 7: Transport conditions and operational requirements

1 Scope

This part of JT/T617 specifies the transportation equipment conditions, personnel conditions and transportation operation requirements for road transport of dangerous goods.

This section applies to the transportation of road transport of dangerous goods.

2 Normative references

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

GB 4968	Fire Classification
GB 11806	Safe Transport Procedures for Radioactive Material
GB 20300	Road transport explosives and highly toxic chemicals vehicle safety technical conditions
JT/T617.1-2018	Regulations Concerning Road Transportation of Dangerous Goods – Part 1: General rules
JT/T617.2-2018	Regulations Concerning Road Transportation of Dangerous Goods – Part 2: Classification
JT/T617.3-2018	Regulations Concerning Road Transportation of Dangerous Goods – Part 3: Index of Dangerous goods name and transportation requirement

JT/T 617.5-2018 Regulations Concerning Road Transportation of Dangerous Goods – Part 5: Consignment

3 Terms and definitions

The terms and definitions defined in JT/T617.1-2018 apply to this document.

4 Transportation equipment conditions

4.1 Transport unit

Dangerous goods should use a truck or a vehicle consisting of a tractor and a semi-trailer as a transport unit for carrying dangerous goods.

4.2 Placarding and marking

Dangerous goods transport units shall be affixed or hung with placards, orange-colored plates and marks as required by Chapter 7 of JT/T617.5-2018.

4.3 Fire-fighting equipment

4.3.1 When transporting dangerous goods, transport units should carry portable fire extinguishers with them. The fire extinguisher shall be suitable for the fires of Class A, B and C specified in GB/T 4968.

4.3.2 The quantity and capacity of portable fire extinguishers shall comply with the requirements of Table 1. The vehicle fire extinguisher quantity for the transport of highly toxic and explosives shall comply with the requirements of GB 20300.

Table 1 Number and capacity requirements for portable fire extinguishers to be carried by the transport unit

Transport unit	Minimum number of	Extinguisher suitable for engine or cab fire	Additional extinguisher(s)

maximum mass M (t)	fire extinguishers	Min. number	Min. capacity (kg)	Min. number	Min. capacity (kg)
$M \leq 3.5$	2	1	1	1	2
$3.5 < M \leq 7.5$	2	1	1	1	4
$M > 7.5$	3	1	1	2	4

Note: Capacity in the table refers to the capacity for dry powder devices (or an equivalent capacity for any other suitable extinguishing agent).

4.3.3 Transport units carrying dangerous goods in accordance with 5.1 of JT/T 617.1-2018 shall be equipped with at least one portable fire extinguisher with a minimum capacity of 2kg dry powder (or an equivalent capacity for any other suitable extinguishing agent).

4.3.4 Portable fire extinguishers shall meet the requirements for portable fire extinguishers for vehicles. If the vehicle is equipped with a fixed fire extinguisher for fighting a fire in the engine, the portable extinguisher need not to be suitable for fighting a fire in the engine.

4.3.5 Portable fire extinguishers shall be within the validity period of the inspection.

4.3.6 Fire extinguishers should be installed on transport units in a way that they are easily accessible to the vehicle crew.

4.4 Equipment for personal protection

4.4.1 Personal protective equipment should be selected in accordance with labels indicated in the dangerous goods carried (including the package marks, vehicles or container placarding). The format of dangerous goods labels shall comply with the provisions of JT/T 617.5-2018.



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