

JT/T 325-2018

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Replacing JT/T 325-2013

**Type dividing and class rating for commercial
motor-vehicles of passenger transport**

营运客车类型划分及等级评定

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard replaces JT/T 325-2013, *Type dividing and class rating for commercial motor-vehicles of passenger transport*. Compared with JT/T 325-2013, in addition to editorial modifications, the major technical changes are as follows:

- it changes the scope (see Clause 1; Clause 1 of 2003 edition);
- it changes the definition of term “commercial motor-vehicles of passenger transport” (see 3.1; 3.1 of 2013 edition);
- it adds the terms and definitions of “bus” and “passenger car” (see 3.1.1 and 3.1.2);
- it changes the scope of small cars (see Table 1; Table 1 of 2013 edition);
- it changes the class rating of passenger cars (see Table 2; Table 2 of 2013 edition);
- it changes the content of passenger car rating (see 6.2; 6.2 of 2013 edition);
- it adds the provision on passenger cars (see 7.3.4);
- it deletes the provision on the quality guarantee period of commercial motor-vehicles of passenger transport (see 8.1.1 of 2013 edition);
- it deletes the provision on engine emissions (see 8.1.2 of 2013 edition);
- it adds the provision on bus safety performance (see 8.1.2);
- it adds the provision on bus driver zone (see 8.1.4);
- it adds the provision on bus safety signs (see 8.1.5);
- it adds the provision on number of bus marked seats (see 8.1.6);
- it adds the provision on bus air quality (see 8.1.7);
- it adds the provision on air pressure of bus braking air cylinder (see 8.1.12);
- it adds the provision on bus emergency hammers (see 8.1.13);
- it adds the provision on emergency hammers equipped near bus emergency windows and automatic window breaking functional devices (see 8.1.14);
- it adds the provision on bus escape hatches (see 8.1.15);

Type dividing and class rating for commercial motor-vehicles of passenger transport

1 Scope

This Standard specifies the type and class dividing for commercial motor-vehicles of passenger transport as well the contents, rules and requirements for class rating.

This Standard applies to the class rating of buses of classes B and III of categories B and III and passenger cars for commercial road passenger transport.

2 Normative references

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

GB 7258, *Safety specifications for power-driven vehicles operating on roads*

GB 13094, *Safety requirements for bus construction*

GB/T 13594, *Antilock braking performance and test procedure for motor vehicles and their trailers*

GB/T 16887, *Safety requirements for sleeper bus construction*

GB/T 17729, *Hygienic standard for the air quality inside long distance coach*

GB 18565, *Composite performance requirement and detecting methods for road transport vehicles*

GB 19239, *Mounting requirements of special equipment for gas vehicle*

GB/T 20734, *Mounting requirements for liquefied natural gas vehicle special equipment*

GB/T 23334, *Open-type roof escape hatch on bus*

GB 30678, *Safety signs and information symbols for the use of bus*

GB 34655, *Specifications for extinguishing equipment arrangement in bus*

JT/T 198, *Dividing and rating requirements for technical classification of road transport vehicles*

JT/T 711, *Limits and measurement methods of fuel consumption for commercial vehicle for passenger transportation*

JT/T 782, *Technical requirements of tyre failure emergency safety device for bus*

JT/T 1030, *Bus electromagnetic glass breaker*

JT/T 1094, *Safety specifications for commercial bus*

JT/T 1095, *Flame resistance of commercial bus interior materials*

QC/T 476, *Rain proof performance limit and test method for bus*

QC/T 633, *The seats of passenger vehicles*

QC/T 768, *Coach flush toilet*

QC/T 997, *Structural requirements of integral body for buses*

QC/T 1048, *Bus emergency hammer*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

commercial motor-vehicles of passenger transport

motor-vehicles which are used for commercial road passenger transport, including buses and passenger cars

3.1.1

bus

buses of classes B and III of categories M₂ and M₃ which are used for commercial road passenger transport

3.1.2

passenger car

motor-vehicles which are used for commercial road passenger transport, mainly used

6 Class rating contents

6.1 The main contents of bus rating include: bus structure, chassis, configuration, active safety, dynamic performance, inside noise, air conditioning and control, etc.

6.2 The main contents of passenger car rating include: wheel base, configuration, dynamic performance, air conditioning and control, fire extinguisher, satellite positioning system, etc.

7 Class rating rules

7.1 Necessary conditions

All rating indexes specified in Clause 8 are necessary conditions.

7.2 Class rating for brand new commercial motor-vehicles of passenger transport

Brand new commercial motor-vehicles of passenger transport refer to new products developed by manufacturing enterprises or commercial motor-vehicles of passenger transport which are imported from abroad; class rating is carried out as specified in Clause 8, in accordance with the technical documents (import inspection documents) supplied by the manufacturer and real vehicle testing results.

7.3 Class rating for in-use commercial motor-vehicles of passenger transport

7.3.1 Buses which are inspected and tested complying with relevant provisions in GB 18565, have the corresponding class qualifications rated.

7.3.2 Buses which are inspected and tested complying with relevant provisions on class I vehicles in JT/T 198, have the corresponding high class bus qualifications rated.

7.3.3 In accordance with the requirements in 7.3.1 and 7.3.2, the existing technical classes of buses and the real vehicle testing results of facilities are verified as specified in Clause 8 and corresponding classes are rated.

7.3.4 Passenger cars shall be as required in GB 7258.

7.3.5 For in-use buses whose class have been rated, their class shall be re-rated in a transfer.

the driver.

8.1.14 Near bus emergency windows whose length is less than or equal to 7 m, in addition to emergency hammers, devices with an automatic window breaking function shall also be equipped; their window breaking function shall be as specified in JT/T 1030.

8.1.15 Buses (not including hydrogen fuel battery buses) with a length greater than 9 m shall be equipped with at least 2 escape hatches; buses with a length greater than 7 m but less than or equal to 9 m, shall be equipped with at least one escape hatch. Open-type escape hatches shall be as required by GB/T 23334.

8.1.16 The installation of special equipment of liquefied petroleum gas and compressed natural gas buses shall be as specified in GB 19239; the installation of special equipment of liquefied natural gas vehicles shall be as specified in GB/T 20734.

8.1.17 Flame resistance of interior materials for buses shall be as specified in JT/T 1095.

8.1.18 If an eddy current retarder is installed, its installation location shall be equipped with a temperature alarm system or automatic fire extinguisher.

8.1.19 Buses shall be provided with at least two parking wedges (e.g. triangular wood trigs).

8.1.20 Measurement of distance between seats shall be as specified in GB 13094.

8.1.21 The performance of tyre failure emergency safety devices shall be as specified in JT/T 782 and capable of displaying relevant information to the driver through the display on the dashboard.

8.1.22 Buses of large type high classes II and III and extra-large type high classes II and III shall be equipped with toilets, which shall be as specified in QC/T 768; waste water from hand washing sinks and flushing toilets shall be stored in the drain tank.

8.1.23 Passenger door emergency controllers shall be as specified in GB 7258.

8.1.24 Emergency exits shall be as specified in GB 13094.

8.1.25 Inside buses shall be installed audiovisual players and microphones; microphones shall be connected using the audio method.

8.1.26 Bus seat measurement shall be as specified in GB 13094; dimensions of seats shall be as specified in QC/T 633.

8.1.27 Equipping of fire extinguishers on buses shall be as specified in GB 34655.

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