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

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**Requirements for maintaining vehicle technical performance in
road transport enterprises**

道路运输企业车辆技术性能保持要求

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Foreword

GB/T 47416-2026 | Requirements for maintaining of vehicle technical performance in road transportation enterprises

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16 Road transport enterprises vehicle technical performance maintenance requirements
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01 State Administration for Market Regulation The State Administration for Standardization issued a statement.

1.Scope This document specifies the organizational structure and personnel, vehicle selection, vehicle use, and vehicle maintenance procedures for road transport enterprises

in carrying out vehicle technical performance maintenance. Requirements for maintenance and repair, vehicle inspection and evaluation, vehicle disposal, vehicle technical records, assessment and improvement. This document applies to road passenger transport vehicles, road general freight transport vehicles, and road dangerous goods transport vehicles that have been issued vehicle operation permits. Technical management of vehicles. Technical management of general freight vehicles with a gross vehicle weight of 4,500 kg or less, as well as city buses, taxis, and training vehicles. For management reference.

4.1 Organizational Structure and Staffing

4.1.1 Road hazardous goods transport enterprises and road passenger transport enterprises with 20 or more vehicles, and enterprises with 50 or more vehicles. Road freight transport enterprises with a fleet of vehicles should establish vehicle technical management departments and equip them with professional vehicle technical management personnel to carry out vehicle technical management. To manage the work and provide necessary facilities, equipment, funding, and other working conditions and guarantees.

Note. Trailers used for transporting general cargo and dangerous goods are counted individually.

4.1.2 Road hazardous goods transport enterprises and road passenger transport enterprises with fewer than 20 vehicles, and road passenger transport enterprises with fewer than 50 vehicles. General freight transport companies should assign professional vehicle technical management personnel to carry out vehicle technical management work and provide necessary facilities and equipment. Funding and other working conditions and guarantees.

4.1.3 Each road transport enterprise (hereinafter referred to as "the enterprise") shall be equipped with one technical manager responsible for organizing and managing the technical aspects of the enterprise's vehicles. Able to keep working.

4.1.4 The number of vehicle technical management personnel should be commensurate with the scale of the enterprise's operations and should be allocated according to the following standards, with a minimum of one person.

- a) For every 50 road vehicles transporting dangerous goods and road passenger vehicles, there shall be one person assigned.
- b) For general road freight transport vehicles, one person shall be assigned for every 100 vehicles.
- c) If an enterprise simultaneously operates two or more of the following. road passenger transport, road general freight transport, and road dangerous goods transport, The equipment standards are calculated according to
- b) respectively.

4.1.5 Enterprises should formulate job responsibilities for vehicle technical management organizations and personnel, and clarify the work content and requirements.

4.2 Personnel Training

4.2.1 Enterprises should establish and implement a vehicle technical management training system, which should at least specify the following.

- a) Implementing entities and their responsibilities;
- b) Training participants;
- c) Training content;
- d) Required class hours;
- e) Training plan;
- f) Training and assessment.

4.2.2 Enterprises should develop and implement an annual training plan, which should at least specify the following information.

- a) Training time;
- b) Training content;
- c) Responsible department or person;
- d) Confirmation of the compilation time, the compilers, and the technical supervisor.

4.2.3 Vehicle technical management training content should include relevant laws, regulations, rules, standards, and operating procedures (emergency procedures) for road transport. Work requirements), typical traffic accident cases, as well as new vehicle technologies, vehicle use, maintenance, safety inspections (including hazard identification), and safe and energy-efficient driving. For knowledge such as driving, the training hours should be no less than 6 hours per year.

4.2.4 Enterprises shall organize and implement personnel training in accordance with the training plan and keep training records.

5.1 Vehicle Selection

5.1.1 Enterprises should select vehicles based on their intended use, transport capacity, transport distance, road conditions, climate, operating area, and power type. The technical demonstration and research should include at least the following.

- a) Vehicle type;
- c) Vehicle technical grade;

d) Passenger vehicle type classification;

e) Vehicle parameters and main performance characteristics, including power, economy, safety, emissions, passability, load capacity, and load capacity utilization. For electric vehicles, factors such as coefficients (for trucks) and total energy of the power battery pack are also considered.

f) Vehicle reliability and ease of maintenance.

5.1.2 The vehicle type, parameter configuration, and main performance shall meet the requirements for motor vehicle registration and road transport vehicle standard models.

5.1.3 For enterprises engaged in road transport of dangerous goods, international road transport, and Class I and II passenger transport routes and chartered passenger transport, vehicle technology, etc. The vehicle should be classified as Class I, and all other vehicles (excluding trailers) should be classified as Class II or above.

5.1.4 For enterprises engaged in Class I and Class II passenger transport routes, chartered passenger transport, and international road passenger transport, the type and grade of the passenger vehicle shall comply with JT/T 325. For intermediate and above requirements, other passenger vehicles should meet the requirements of JT/T 325 ordinary class and above.

5.1.5 Enterprises should prioritize purchasing new energy vehicles, clean energy vehicles, and vehicles equipped with intelligent systems such as safety monitoring, early warning, and risk prevention and control. The vehicle equipped with the device.

5.2 Vehicle Delivery

5.2.1 Enterprises shall inspect vehicles in accordance with the purchase contract, verify vehicle parameter configuration, and inventory vehicle tools, emergency parking safety accessories, and vehicle documents. Documents.

5.2.2 Emergency parking safety accessories should include at least parking wedges, warning triangles, and reflective vests.

5.2.3 Accompanying documents should include the vehicle manufacturer's certificate of conformity, vehicle conformity certificate, product instruction manual, and emergency rescue manual (for specific purposes). Electric vehicles, road hazardous goods transport vehicles) and product warranty, maintenance manuals, etc. Special tank vehicles for road hazardous goods transport also include... It should include the tank's certificate of conformity, tank quality certificate, quality certification documents for tank safety accessories, tank instruction manual, and tank factory inspection report. Announcement, etc.

5.2.4 After the vehicle is delivered, a verification of its compliance with road transport standards shall be conducted, and a vehicle operation permit shall be issued.