

ICS 43.020
CCS T 09



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

GB/T 43405-2023

**Close van - Partitioning system and lashing point technical
requirements and test methods**

封闭式货车 货物隔离装置及系固点技术要求和试验方法

(English Translation)

Issued on: November 27, 2023

Implemented on: March 1, 2024

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Foreword

1 Scope

2 Normative reference documents

3 Terms and

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting.

This document is modified to adopt ISO 27956:2009 "Safety Performance Requirements and Test Methods for Cargo of Road Vehicles and Vans".

Compared with ISO 27956:2009, this document has many structural adjustments. Comparison list of structure number changes between the two files See Appendix A.

Compared with ISO 27956:2009, this document has many technical differences. Vertical text is used in the outer margin of the clauses involved.

Single lines (I) are marked. A list of these technical differences and their causes is provided in Appendix B. The following editorial changes have been made to this document.

---Added a description of the longitudinal length of the effective cargo surface (see note in 3.5);

---Deleted the additional description of the distance between the reaction force point and the measured securing point in 4.2.1 of ISO 27956:2009;

---The label diagram of the securing point information has been changed, and the tensile force unit is kN (see Figure 9).

1 Scope

This document specifies the technical requirements and test methods for enclosed truck cargo isolation devices and securing points.

This document applies to the design and production of N1 category and N2 category enclosed trucks with a maximum vehicle design total mass less than or equal to 7500kg. With use, other vehicles will be implemented accordingly.

Note: This document does not take into account the extreme loads that may occur in an accident (such as a vehicle collision).

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document.

GB/T 3730.1 Terms and definitions for automobiles, trailers and automobile trains Part 1: Types

GB/T 3730.2 Road vehicle quality vocabulary and codes

GB/T 15089 Classification of motor vehicles and trailers

GB/T 23914.2 Safety of load securing devices for road vehicles Part 2: Synthetic fiber fastening strap assembly

GB/T 29120 H point and R point determination procedures

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Closed truck (close van)

The structure of the cargo area is a closed body and is integrated with the cab, and the body structure is a one-box or two-box type truck.

3.2 Lashing point

A fixed component or integrated component on the vehicle that is connected to the securing device in an appropriate manner and is used to transfer the cargo securing force to the vehicle structure.

Note: Integrated devices may be loops, loops, ties, hooks, eyelets, lugs, edge hooks, threaded connections or crossbars.

3.3 Lashing device

Devices such as attachment points, tensioning members, tensioning devices and end fittings (if required) to secure cargo to the vehicle.

Note 1: The tensioning member can be an annular webbing or a strip webbing, etc.

Note 2: The tensioning device may be a ratchet tensioner, a tensioning buckle or a bolting gallows.

Note 3: End accessories include safety hooks, flat hooks, base hooks, triangular rings, chain

connectors, double-pronged claw hooks, single-pronged claw hooks, etc.