

ICS 43.020
CCS T 09



中华人民共和国国家标准

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB 13094-2025
Replaces GB 13094-2017

Safety Requirements for Bus Construction

客车结构安全要求

(English Translation)

Issued on 2025-12-31

Implemented on 2027-07-01

Jointly Issued by

State Administration for Market Regulation of the People's Republic of China &
Standardization Administration of the People's Republic of China

CONTENTS

Foreword	I
1 Scope.....	1
2 Normative References.....	1
3 Terms and Definitions.....	1
4 Requirements	4
4.1 General Requirements	4
4.2 Axle Load and Area Available for Passengers.....	4
4.3 Roll Stability	5
4.4 Protection Against Fire Risks	5
4.5 Exits	8
4.6 Interior Arrangement.....	20
4.7 Lighting	36
4.8 Articulated Section of Articulated Buses	38
4.9 Direction Holding of Articulated Buses.....	38
4.10 Handrails and Handholds for the Use of Passengers.....	38
4.11 Guarding of the Open Areas, e.g., Step Wells.....	40
4.12 Occupant Protection	41
4.13 Trap Doors.....	41
4.14 Visual Entertainment	41
4.15 Marking of Luggage Mass	41
4.16 Ventilation in the Vehicle	41
4.17 Trolley Buses.....	41
5 Criteria for Determination of the Same Type	41
6 Implementation of This Standard	42
Annex A (Normative) Additional Technical Requirements for Buses with Devices Facilitating Access for Passengers with Reduced Mobility	43
A.1 Steps.....	43
A.2 Priority Seats and Space	43
A.3 Communication Devices.....	44
A.4 Handrails to Priority Seats.....	44
A.5 Space for Guide Dog	44
A.6 Floor Slope	45
A.7 Wheelchair Accommodation.....	45
A.8 Seats and Standing Passengers in the Wheelchair Space	46
A.9 Restraint System for Wheelchairs and Their Users.....	46
A.10 Door Controls	52
A.11 Requirements for Boarding Devices	52
Annex B (Normative) Measurement of the Closing Force of Power-Operated Service Doors and the Reactive Forces of Power-Operated Ramps	55
B.1 General	55
B.2 Closing or Reactive Force as a Function of Time	55
B.3 Measurement Method.....	55
B.4 Measuring Device.....	56
Annex C (Normative) Additional Technical Requirements for Trolley Buses	58
C.1 General Requirements	58
C.2 Power Collector	58
C.3 Traction and Auxiliary Equipment	59
C.4 Electrical Safety of Passengers and Crew Members.....	61
C.5 Driver's Compartment.....	61
Bibliography	63

Safety Requirements for Bus Construction

1 SCOPE

This document specifies the safety requirements for bus construction, the criteria for determination of the same type and the implementation of this standard.

This document is applicable to the buses of categories M₂ and M₃, while this document may be used as a reference for special-purpose buses.

This document is not applicable to the buses that are not operating on roads.

2 NORMATIVE REFERENCES

The following normative documents contain provisions which, through normative reference in this text, constitute essential provision of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

GB/T 2408-2021	Plastics – Determination of burning characteristics – Horizontal and vertical test
GB/T 3730.1	Terms and definitions of motor vehicles, trailers and combination vehicle—Part 1: Types
GB/T 3730.2	Road vehicles – Masses – Vocabulary and codes
GB/T 4780	Terms for motor vehicle body
GB/T 10000	Human dimensions of Chinese adults
GB/T 12428	Laden mass calculating method for buses
GB 14166	Safety belts, restraint systems, child restraint systems and ISOFIX child restraint systems for occupants of power-driven vehicles
GB 14167	Safety-belt anchorages, ISOFIX anchorages systems and ISOFIX top tether anchorages for vehicles
GB/T 15089	Classification of power-driven vehicle and trailers
GB 18384	Electric vehicles safety requirements
GB 30678	Safety signs and information symbols for the use of bus
GB 34655	Specifications for extinguishing equipment arrangement in bus
GB 38032	Electric buses safety requirements
GB 38262	Flammability of interior materials for buses

3 TERMS AND DEFINITIONS

For the purpose of this document, the terms and definitions established in GB/T 3730.1, GB/T 3730.2, GB/T 4780 and GB/T 15089, as well as the following apply.

3.1 trolley bus

an electrically propelled bus powered by energy from overhead wires

Note: It includes the dual-source trolley buses with an additional onboard energy storage device.

[Source: GB/T 3730.1-2022, 5.10, modified]

3.2 gangway

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