

ICS 13.310  
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**GA**

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

**GA 1815.7-2023**

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**Requirements for counter-terrorism of transportation system -  
Part 7: Highway bridge**

交通运输系统反恐怖防范要求 第7部分：公路桥梁  
(English Translation)

**Issued on: February 28, 2023**

**Implemented on: July 1, 2023**

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**Issued by: Ministry of Public Security**

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## Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents" drafting:

This document is part 7 of GA 1815-2023 "Requirements for Anti-terrorism Prevention in Transportation System": GA 1815-2023 has been released the following sections:

--- Part 7: Highway bridges;

--- Part 8: Road tunnels:

This document was proposed by the Office of the National Anti-Terrorism Work Leading Group, the Anti-Terrorism Bureau of the Ministry of Public Security, and the Science and Technology Information Bureau of the Ministry of Public Security:

This document is under the jurisdiction of the National Security Alarm System Standardization Technical Committee (SAC/TC100):

## Introduction

Anti-terrorism prevention is an important part of anti-terrorism work, and it is the basis for effectively preventing terrorist attacks from happening: develop and implement anti-Relevant standards for terrorism prevention are conducive to improving the orderliness of anti-terrorism prevention and providing reliable technical and management decision-making support for anti-terrorism prevention:

support: The safety of the transportation system is related to the safety of people's lives and properties, as well as to economic development and social stability:

It is an important node of the transmission system and a key target for preventing terrorist attacks: During the process of proposing, compiling and reviewing this document, the Ministry of Transport the bureau participated in the whole process, guided and reviewed the terms of the document, and selected leaders from local transportation management departments and transportation scientific research units:

Directors and experts participated in related work at the same time, ensuring the scientificity and applicability of this document: This document will be implemented for highway and bridge management and operation units it provides a basis for the implementation of anti-terrorism prevention obligations, and provides a basis for relevant departments to supervise and inspect key target management units to implement anti-terrorism prevention duties:

Anti-terrorism prevention requirements for transportation system Part 7: Highway bridges

## 1 Scope

This document stipulates the key targets and key parts of highway and bridge anti-terrorism prevention, key target levels and prevention levels, and overall prevention requirements:

Requirements, normal three-level defense requirements, normal two-level defense requirements, normal first-level defense requirements, abnormal defense requirements and security system technology Require:

This document is applicable to the anti-terrorism prevention work and management of highway bridges:

## 2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text: Among them, dated references for documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document:

GB 17565-2022 General technical requirements for anti-theft safety doors GB/T 28181  
Technical Requirements for Information Transmission, Exchange and Control of Networked  
Public Security Video Surveillance System GB 35114 Public Security Video Surveillance  
Network Information Security Technical Requirements GB 50348 Safety Engineering  
Technical Standards

### 3 Terms and Definitions

The following terms and definitions defined in GB 50348 apply to this document:

Counter-terrorism prevention counter-terrorism Security precautions that prevent, delay,  
and prevent terrorist incidents by comprehensively using various means such as human  
defense, physical prevention, and electronic prevention Activity:

Human defense personnel protection Personnel with corresponding qualities organize  
safety management behaviors such as prevention and disposal:

[Source: GB 50348-2018, 2:0:2, modified] 3.3 Entity defense physicalprotection Physical  
protection measures that use buildings (structures), barriers, appliances, equipment, or  
combinations thereof to delay or prevent risk events from occurring:

[Source: GB 50348-2018, 2:0:3, modified] 3.4 electronic protection electronicsecurity Utilize  
technologies such as sensing, communication, computer, information processing and its  
control, and biometric identification to improve the defense capabilities of detection, delay,  
and response:

means of protection:

[Source: GB 50348-2018, 2:0:4, modified]