

ICS 97.200.40

CCS Y57



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

GB/T 18167-2008

Replacing GB 18167-2000

Specification of amusement rides shooting category

光电打靶类游艺机通用技术条件

Issued on: November 12, 2008

Implemented on: May 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 General
- 4 Basic design requirements
- 5 Transmission
- 5.1 And

Foreword

This standard replaces GB 18167-2000 "photoelectric shooting class amusement general technical conditions." This standard compared with GB 18167-2000, the main changes are as follows:

- In Chapter 1, "scope", the clear photoelectric shooting class amusement design, manufacture, installation, alteration, repair, testing, inspection and make Use management;
- Increased Chapter 5, "drives"; Chapter 6, "Electrical and Control Systems"; Chapter 7, "Manufacturing and installation";
- The original "technical requirements" was changed to Chapter 4, "Basic design requirements," adds calculation and design program design requirements;
- In Chapter 6, "electrical and control system," the main additions and modifications to the power supply system requirements;
- In Chapter 9, "Inspection Rules" in the re-adjusted some product defect content. This standard by the national ropeway, amusement and recreational facilities and Standardization Technical Committee centralized. This standard was drafted. National ropeway, amusement and recreational facilities Standardization Technical Committee, China Special Equipment Inspection and Research Institute. The main drafters of this standard. ROCKETS, Zhang Yong, Zhe Wang Qi, Cao Yuting, Zhang Yang and so on. This standard replaces the standards previously issued as follows:
- GB 18167-2000. Photoelectric shooting class amusement general technical conditions

1 Scope

GB/T 18167-2008 is the Chinese national standard on specification of amusement rides shooting category, in the field of domestic and commercial equipment, entertainment, sport. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it

becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 12 November 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2009. Classification: ICS 97.200.40, CCS Y57. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the photoelectric shooting class amusement of the technical specifications and requirements. This standard applies to photoelectric shooting class amusement design, manufacture, installation, alteration, repair, testing, inspection and usage management (hereinafter referred to as Photoelectric shooting).

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1.1999, IDT)

GB 8408-2008 Safety specifications rides

JB/T 5000.12-1998 Heavy mechanical general techniques and painting

3 General

3.1 Optical Targeting refers to a signal, sound, lighting, digital displays, and mechanical action, target, shooting with each other and form a similar tour Arts machine.

3.2 Optical targeting the design, manufacture, installation, alteration, repair, testing, inspection and use of management, should be implemented this standard and GB 8408-2008 Registration with the relevant provisions.

3.3 Optical targeting the design, manufacture, installation, use should ensure personal safety. Other Requirements

3.4 standard not mentioned, should be implemented by the relevant national standards and regulations.

4 Basic design requirements

- 4.1 Optical design targeting should design specifications, design calculations, safety analysis and compliance with the relevant national standards for a full set of design drawings.
- 4.2 Optical targeting should be designed to calculate the correct, reasonable structure, to ensure the safety of tourists.
- 4.3 Optical design targeting procedures, material and pictures should be fun, healthy, reasonable and non-with terror, violence, gambling, pornography and other violations of State The relevant provisions of the design content.
- 4.4 standard electrical and mechanical equipment selection should be reasonable, and should have certificate; non-standard electrical and mechanical equipment should be used after the quality inspection departments.
- 4.5 Optical Targeting should provide its machine and the main components of design life, whole life is not less than 23000h.

5 Transmission

- 5.1 GB drive system should be designed to comply with the provisions of

5.1 And

- 5.2 in 8408-2008.

5.2 mechanical transmission part of the design should be consistent with the relevant provisions of GB 8408-2008 5.3.

5.3 Design of hydraulic and pneumatic systems should comply with the relevant provisions of GB 8408-2008 5.4.

5.4 Transmission should be designed to ensure smooth and reliable. When the machine runs allowed abnormal vibration, shock, heat, sound and seizure phenomenon.

6 electrical and control system

- 6.1 electrical system shall comply with the relevant provisions of GB 8408-2008 6.1.