

ICS 97.200.40

CCS Y57



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

GB/T 18162-2008

Replacing GB 18162-2000

Specifications of amusement rides fairy racing category

赛车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**

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Foreword

This alternative standard GB 18162-2000 "racing amusement general technical conditions", the present standard and GB 18162-2000 "racing tour Arts General technical conditions" compared to the main changes are as follows:

- Chapter 1, "scope" to increase the car's design, manufacture, installation, alteration, repair, testing, inspection and use of management;
- Original Chapter 3, "technical requirements" Amendment to Chapter 4, "Basic design requirements," adds loads of various design considerations; increased Design calculations. including stress, stiffness calculation, fatigue strength and the like;
- Chapter 10, "safety device" major increase security flag setting regulations;
- Chapter 11 "Electrical", mainly to increase the electrical system requirements; increased use of standard batteries;
- Chapter 12, "Manufacturing and installation", mainly to increase the manufacture and installation requirements;
- Chapter 13, "Test Method", mainly to increase the overload test run;
- Chapter 14, "inspection rules", the three major increase product defects weight. drive and transmission parts of the car without a covering; the seat belt does not match Meets the requirement; gasoline tank seal is not good, there is leakage;
- Added Appendix A (normative) on "important shaft, pin" and "important welds" requirement. Appendix A of this standard is a normative appendix. This standard by the national ropeway, amusement and recreational facilities and Standardization Technical Committee centralized. This standard is drafted by: State Administration of Quality Supervision, Inspection and Quarantine, China Special Equipment Inspection Institute, the national cable, and game machines Rides Standardization Technical Committee. Participated in the drafting of this standard. Guilin Quality and Technical Supervision,

Zhejiang Quality and Technical Supervision. The main drafters of this standard. E Lijun, according to Dong Long, Liaojian Qiu, Zhao Xingang. This standard replaces the standards previously issued as follows:

--- GB 18162-2000. Racing game machines General technical conditions

1 Scope

GB/T 18162-2008 is the Chinese national standard on specifications of amusement rides, racing 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 racing amusement general technical conditions and technical requirements. This standard applies to racing gaming machine design, manufacture, installation, alteration, repair, testing, inspection and usage management (hereinafter referred to as the car).

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 699 high-quality carbon structural steel

GB/T 983 stainless steel electrode

GB/T 985 gas welding, SMAW basic form and GMAW welding groove and size Plastic tensile properties (GB/T 1447-2005, ISO 527-4

GB/T 1447 fiber reinforced.1997, Test conditions for isotropic and orthotropic fiber-reinforced plastics composites, NEQ) Plastic bending performance test method

GB/T 1449 fiber reinforced (GB/T 1449-2005,

ISO 14125.1998, Fibra-rein- forced plastic composites-Determination of flexural properties, (NEQ) Methods plastic Charpy impact toughness test

GB/T 1451 fiber reinforced GB/T 3077 alloy steel

GB/T 5117 carbon steel electrode

GB/T 5118 Low Alloy Steel Electrode

GB/T 7403.1 traction lead-acid batteries (GB/T 7403.1-2008,

IEC 60254-1.2005, Lead-acid traction batteries-Part 1. General requirements and methods of test, MOD)

GB 8408-2008 Safety specifications for motorcycles

GB 14621 motorcycles and exhaust emission limits and measurement methods (idle speed)

3 General

3.1 Standards are specified lines running along the ground and form of exercise similar gaming machine (internal combustion engine or electric drive).

3.2 car design, manufacture, alteration, repair, installation, testing, inspection and use of management, should be in line with the implementation of this standard and GB 8408-2008 Provisions. Other Requirements

3.3 standard not mentioned, shall be according to the national standards, norms and regulations.

4.1 Basic requirements

4.1.1 The design of the car should design specifications, design calculations and compliance with the relevant national standards for a full set of design drawings.

4.1.2 The design should provide racing machine and its main components design life, whole life is not less than 23000h.

4.1.3 The design of the car should be consistent with the provisions of GB 8408-2008. Racing

4.1.4 The main components include the frame, walking gear train, steering mechanism, a braking mechanism, and a drive mechanism and other safety devices.

4.1.5 Each vehicle should be fixed in a prominent position on the label, signage content should at least include the product name, product type, product number, date of manufacture