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Child riding and activities - General safety requirements

儿童骑行及活动用品 通用安全要求

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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. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the Ministry of Industry and Information Technology of the People's Republic of China.

This document aims to regulate the safety and quality of children's cycling and activity equipment, protecting children's lives and health to the greatest extent possible. (Placement in the market...) Children's cycling equipment that is on-site or in use, within its foreseeable usage and normal lifespan, will reduce the risk of non-compliance with the requirements of this document. Potential dangers arising from the use of children's cycling equipment in a pre-planned manner (normal use) and in an unpre-planned manner (foreseeable reasonable misuse). Children's cycling and activity equipment is closely related to the developmental characteristics and hazard exposure of children at different ages.

Developmental characteristics include children's physical development... Body size, appearance, physiology, physical fitness, cognitive abilities, emotional development, and behavior are all factors that change as children develop, and parents and adults often overestimate them. Or underestimate the abilities of children at different developmental stages. Exposure to hazards primarily includes in planned or unplanned use environments (e.g.,...). Specific natural environments, climate, terrain, and adult supervision (such as indoors or outdoors, home or public places) are relevant factors. In particular, when children... When cycling and activity equipment is intended for children under 36 months or other specific age groups, the capabilities of the user and their guardian are also very important. Important safety factors. The safety requirements for children's cycling and activity equipment are determined by taking into account normal use by children and foreseeable reasonable misuse, to the greatest extent possible. To avoid potential harm to users or third parties due to defects in the product itself. These defects may stem from design, manufacturing processes, or... Manufacturing materials. These injuries may include.

- a) Mechanical and physical injuries. injuries such as falls, cuts, abrasions, punctures, pinching injuries, and visual and auditory impairments;
- b) Chemical injuries. Acute or chronic injuries caused by contact with chemicals, such as skin burns, eye irritation, respiratory problems, and poisoning. Human tissue damage;
- c) Heat injuries. Burns, scalds, frostbite, and other injuries caused by high or low temperature environments or contact with heat sources;
- d) Electrical injuries. Injuries caused by contact current, electromagnetic fields, and static

electricity, including electric shock, burns, and electrical scalds;

e) Radiation damage. Acute, delayed, or chronic congestion, erythema, flash burns, lens damage, and other bodily symptoms caused by ionizing radiation. Tissue damage. General safety requirements for children's cycling and activity equipment

1 Scope

GB 46517-2025 is the Chinese national standard on child riding and activities - general safety requirements, in the field of domestic and commercial equipment, entertainment, sport. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 November 2026. Classification: ICS 97.190, 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 document specifies general safety requirements for children's cycling and activity equipment and describes the corresponding testing methods. This document applies to products designed or planned for use by children under 14 years of age for riding and activities, and capable of supporting the weight of a child. This includes, but is not limited to, products designed for children under 14 years of age for riding and activities. The products listed in Table A.1 of Appendix A. This document does not include.

---Products designed for riding on public transportation routes;

---Children's toys, that is, any product designed or clearly intended for use by children under the age of 14 in play;

---Products for stunt riding or performances;

---Children's playgrounds, sports facilities, and teaching aids used in public places.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB 6675.2 Toy Safety Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Designed or planned to have child riding and activity functions, with a fixed load-bearing surface (including standing surface and seat surface), and driven by an appropriate drive mechanism. A vehicle that can support the weight of a child and is powered by human power (front wheel, rear wheel) or by electricity.

4 Migration of Certain Elements

GB/T 7247.1 Safety of laser products - Part