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

WS/T 587-2018

**General guidelines for developing school health standard
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is mainly drafted by. Suzhou University, Peking University School of Medicine, Suzhou Municipal Center for Disease Control and Prevention

1 Scope

This standard specifies the general requirements, development and preparation methods of school health standards.

This standard applies to the development and preparation of school health standards.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this document.

For undated references, the latest edition (including all amendments) applies to this document.

GB/T 1.1 Standardization Work Guide Part 1. Standard Structure and Compilation

3.1 Classification of school health standards

School health standards are divided into seven series.

- a) Basic standards for school health professional. including terminology, standard preparation guidelines, etc.;
- b) School building design and teaching facilities hygiene standards. including school and child care institutions, architectural design hygiene requirements, school teaching facilities, health requirements Seeking, classroom micro-environmental requirements, etc.;
- c) Health standards for school life service facilities. including school and child care institutions canteen hygiene requirements, student nutrition meal supply, drinking water Facilities and drinking water quality, student apartments (dormitories) hygiene requirements and management practices;
- d) School furniture, teaching aids and children's school supplies hygiene standards. including school desks and chairs, blackboards, primary and secondary school textbooks, learning Health requirements for raw materials, etc.;
- e) Health standards for educational processes. mainly the limits of learning burden and sports load;
- f) Child and adolescent health check and management practices. including student health check technical requirements, methods, health monitoring, evaluation methods, disease Disease prevention, as well as school health supervision and management;
- g) Health education practices.

3.2.1 Legal basis

The legal basis for setting school health standards is the current national laws, regulations, and administrative departmental regulations.

3.2.2.1 Protection level and feasibility of children and adolescents' health

The basis for the development of health standards for children and adolescents related to environmental and product safety should first determine the level of protection for the health of children and adolescents;

The second is to consider the feasibility of implementing health standards based on social conditions and the ability to provide health assurance.

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3.2.2.2 Health benchmark

The scientific basis for determining the health baseline mainly includes the following parameters.

- a biological threshold, a threshold for adverse effects of health in the environment or in the product;
- dose-response relationship of health effects in the environment or in the product;
- toxicokinetics;
- toxic effect kinetics;
- safety factor assessment;
- Hazardous factor exposure characteristics.

Based on the health benchmark, based on the results of the epidemiological survey on the safety of children and adolescents, after considering social conditions, should be hygienic standards.

3.2.2.3 International research materials

International research materials on child health and safety.

3.2.2.4 International relevant standards

International standards related to child health and safety.

3.3 Principles for setting school health standards

The development of school health standards should meet the following principles.

- in line with relevant national laws, regulations, administrative regulations and national health policies and guidelines;
- Promote national economic and social development;
- Meeting school health supervision and disease prevention needs;
- meet the school's health and safety needs;
- the hygiene standards match the test methods;
- Advanced technology, economical and practical;
- Actively adopt international and advanced national health standards;
- Arranged according to the system of health standards.

4.1 How to prepare the basic standards for school health professional

Including school health professional terminology and school health standards writing rules, the specific preparation in accordance with GB/T 1.1-2009.

4.2.1 Technical content of the standard

School site selection requirements; school land requirements; campus layout requirements; teaching interior layout and architectural design requirements; school buildings Material and decorative material requirements.

4.2.2.1 Documentary evidence method

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By consulting the literature, we can find out which factors in school buildings affect the safety and health of children and adolescents, and understand the ergonomics of school buildings.

Academic and educational requirements. If there is already a school building hygiene standard in foreign countries, the basis for the health standard should be understood and proposed, and the level of protection should be and related information, etc.

4.2.2.2 Site investigation and experimental methods

The method for the development of school building hygiene standards should be based on a combination of on-site investigation and laboratory research to achieve a comprehensive and sufficient Basis for learning.

4.2.2.3 Sorting and analysis of results

Based on the results of consulting relevant literature and the results of on-site investigations and laboratory studies, consider the feasibility of implementation in school kindergartens Sex, and refer to foreign standards, comprehensive analysis, put forward the health standards of school buildings.

4.3.1 Technical content of the standard

Material requirements; strength requirements; toxic and hazardous substances limit requirements; for disease prevention; of learning fatigue.

4.3.2.1 Documentary evidence method

Find out what factors in school facilities affect the safety and health of children and adolescents, and understand the ergonomics of school facilities by consulting the literature.