

ICS 13.100
CCS C56



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

GB 31177-2014

Sanitary and administrative standards for school dormitory

学生宿舍卫生要求及管理规范

Issued on: September 3, 2014

Implemented on: January 1, 2015

**Issued by: National Health and Family Planning Commission of the
People's Republic of China;
Standardization Administration of China**

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Foreword

4.4 ~ 4.7, 4.11, 5.1.1, 5.1.6, 5.2, 5.3, 5.5, 5.6, 7.2,

7.3 this standard are mandatory, the rest are recommended. This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard is proposed and managed by the National Health and Family Planning Commission People's Republic of China. This standard is mainly drafted by: Central South University School of Public Health, Child and Adolescent Health Institute of Peking University, Hunan Provincial Disease Prevention control center. The main drafters of this standard. Yin Xun Qiang, Tan red spot, Tao, Zhang Lin, Ma OF p Gong Wenjie, there Luo Deng Jing, Wu Yue, Di Xiaokang. Dormitory hygiene requirements and management practices

1 Scope

GB 31177-2014 is the Chinese national standard on sanitary and administrative standards for school dormitory, in the field of environment and health protection, safety. 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 3 September 2014 by the National Health and Family Planning Commission of the People's Republic of China; Standardization Administration of China, and has been in force since 1 January 2015. Classification: ICS 13.100, CCS C56. 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 dormitory building, basic facilities, indoor air quality and health requirements and management practices. This standard applies to all types of schools at all levels.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 3976 School desks and chairs feature size

GB/T 18203 hemolytic streptococcus indoor air health standards

GB 18383 with wadding General technical requirements

GB/T 18883 indoor air quality standards

GB 50099 primary and secondary schools design specifications JGJ36 dormitory building design Full Ai Wei hair (1997) No. 5 rodent, mosquitoes, flies, cockroaches standard

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Indoor air quality parameters indoorairqualityparameter Indoor air of physical, chemical, biological and radiological parameters and human health.

3.2 Window to area ratio glazingfloorarearatio The total indoor area and indoor lighting to area ratio of window openings.

3.3 Total volatile organic compounds totalvolatileorganiccompounds; TVOC Or use TenaxGC TenaxTA sampling, non-polar column (polarity index of less than 10) were analyzed, the retention time in n-hexane Volatile organic compounds and n-hexadecane between.

4 Dormitory building requirements

4.1 appropriate for the student dormitory room, management room, bathroom, toilet, storage compartment and cleaning utensils chamber.

4.2 student dormitory site should prevent the influence of noise and a variety of sources, and should comply with JGJ36 concerning health protection standards.

4.3 student dormitories and teaching space in the same building should not be layered together to build, can be separated by a firewall posted in the same building was built. student Hostel should be closed to facilitate self-management, not with teaching space combined with a building entrance.

4.4 Housing pitch dormitory buildings shall meet the requirements for fire and JGJ36 sunshine.

4.5 student dormitory should be set to fire safety evacuation map, fire alarm system, as well as the obvious safety evacuation signs.

4.6 Electrical dormitory facilities shall comply with the requirements for electrical safety JGJ36, the dormitory, the students should be safe power supply socket.

4.7 student dormitory stairs, elevators and emergency exits shall comply with the requirements relating to JGJ36.

4.8 When using single dorm room bed, the room clear height of not less than 2.60m; when using a bunk bed, the room should not be less than the clear height 3.10m; when using an elevated bed, the room clear height of not less than 3.35m.

4.9 per bedroom area not less than 3.00m²/person.

4.10 student dormitory should have a certain amount of storage space, the size of the storage space, width and depth should be consistent with GB 50099 requirements.

4.11 shall hostel located in the basement or semi-basement.

5.1 Beds

5.1.1 dormitories should ensure that students one person a.

5.1.2 students should be firm firm beds, loft beds and bunk bed to bed to be provided fall protection plate (or bars), anti-drop plates (or rod) The height of not less than 0.25m, length not less than 2/3 of the length of the bed.

5.1.3 Pupils bed length of not less than 1.80m, a width of not less than 0.90m, bed area of not less than 1.60m²/person; Secondary And more students bed length of not less than 2.00m, a width of not less than 1.00m, the bed area is not less than 2.00m²/person.

5.1.4 bed space height of not less than 1.20m. From the ground to bed loft beds and bunk beds

5.1.5 primary school children should not exceed the height of 1.60m.

5.1.6 sheets, blankets, mattresses and bedclothes should be consistent with the requirements of GB 18383.

5.2 Book tables and chairs

5.2.1 Universities dormitory should each equipped with a desk chair.

5.2.2 dormitory desk chair should meet the requirements of GB/T 3976 proposed.

5.3 Lighting

5.3.1 lighting coefficient dorm room should not be less than 1%, than the window area of not less than

5.3.2 dormitory facilities should be set up artificial lighting, artificial lighting dormitory facilities should be safety, environmental protection and energy saving.

5.3.3 dormitory room height of 0.75m from the ground an average illuminance level of not less than 75lx, dormitory Desktop illuminance tables and chairs with a book should not be Lower than 300lx.

5.4 Toilet facilities

5.4.1 student dormitory bathroom should be equipped with wash basin or bathroom sink faucet, the number of configuration should meet the following requirements. 5 below a set, When more than five people per 10 people or less an additional 10 people.

5.4.2 dormitory facilities should be located clothesline.

5.5 Toilet

5.5.1 girls dormitory toilets should be provided for every 12 people a toilet; toilet should be every 20 boys who set a toilet and a urinal; Primary squatting toilet stool maximum allowable width of 0.18m.

5.5.2 separate toilet every eight quarters should set a stool, a dormitory toilet stool should adopt the squat toilet.

5.5.3 should be located within the toilet wash basins, cesspools and drain.

5.6 Heating, ventilation facilities

5.6.1 dormitory should be set ventilation, heating facilities according to local climatic conditions.

5.6.2 dormitory ventilation, heating facilities should be safe and environmentally friendly.

5.7 Rodent control, anti-mosquito facilities

5.7.1 student dormitories should install effective anti-mosquito, fly and rodent proof facilities.