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

GB 30533-2014

**Health and safety for design and technology in schools and
similar establishments-Code of practice**

学校安全与健康设计通用规范

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Foreword

The standard Chapter 4, Chapter 5, Chapter 6, Chapter 7, Chapter 8 is mandatory, the rest are recommended. This standard was drafted in accordance with GB/T 1.1-2009 given rules. The technical content of the standard reference to the British Standard BS4163.2000 "Safety and Health General Standard design schools and related institutions." The standard proposed by the People's Republic of China Ministry of Education. The standard of teaching equipment by the National Standardization Technical Committee (SAT/TC125) centralized. This standard was drafted. Ministry of Education teaching instrument Institute, Zhejiang Educational Technology Center. The main drafters of this standard. party building Wei, Zhao Liping, Ren Weide, Zhao Xiang, Ma Qiang, YAN Zong, Zhang Yaodong Chen Yun Chun. School Safety and Health Design general specification

1 Scope

GB 30533-2014 is the Chinese national standard on health and safety for design and technology in schools and similar establishments-code of practice, in the field of services and company organization. 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 28 April 2014 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 June

2014. Classification: ICS 03.180, CCS Y51. 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 school's health and safety management, planning and design, teaching environment, service, teaching area equipment, tools and machining General requirements relating to health and safety. This standard applies to ordinary schools, secondary vocational schools. Universities and related institutions may refer to.

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 156 standard voltage

GB 1002 Household and similar single-phase plugs and socket type, basic parameters and dimensions

GB 2099.1 plugs and sockets for household and similar purposes - Part 1. General requirements GB 2811 helmets

GB/T 2887 computer sites generic specification GB 2893 Safety colors

GB 2894 Safety Signs and use guidelines

GB/T 3609.1 occupational eye and face protection Welding protection - Part 1. Welding protector Safety first part of

GB 3883.1 portable electric power tools. General requirements Particular requirements for grinders, polishers and disc sanders.

GB 3883.3 safe hand-held electric tools Part Safety - Part 2

GB 3883.6 handheld power tools. Particular requirements for drills and impact drills The second part of the security

GB 3883.10 hand-held power tools. Particular requirements for planers Safety - Part 2

GB 3883.11 hand-held power tools. reciprocating saws (jig saw, saber saws) special requirements Particular requirements for routers and trimmers. security

GB 3883.17 hand-held electric tools - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

- 3.1 Risk In hazardous situation that may damage or harm to the health of the probability and extent of synthesis.
- 3.2 Risk assessment Before or after the risk event (but not over), the incident caused to all aspects of people's lives, life, property, etc. The possibility of loss of influence and quantitative assessment of the work.
- 3.3 Hazard Including any potential may cause harmful to the human things.
- 3.4 Window to area ratio of glazing to floor area Window and floor area ratio of the area of the hole. [GB/T 50033-2001, the term 2.1.10]
- 3.5 Illumination uniformity Specified on the surface of the ratio of the minimum illuminance and the average illuminance. [GB 50034-2004, the term 2.0.29]
- 3.6 Unified glare values (UGR) Measurement parameters in psychological discomfort subjective response of the human eye to light-induced visual environment illumination device emits, and its value can be CIE Unified Glare calculated value formula. [GB 50034-2004, the term 2.0.33]
- 3.7 CRI colour rendering index Under reasonable to allow poor state of chromatic adaptation, psychophysical color illumination of the object under test and the reference light source for illuminating the same color swatches Psychophysical color conformance metrics. [GB 50034-2004, the term 2.0.39]
- 3.8 General color rendering index Mean CIE1974 special color rendering index of the color of the samples in groups of eight, known as CRI. Symbol Ra. [GB 50034-2004, the term 2.0.41]
- 3.9 Glare Because Perspective brightness distribution or brightness range unsuitable, or the existence of extreme contrasts, so as to cause discomfort or decreased Concept Police detail or the ability to target a visual phenomenon. [GB 50034-2004, the term 2.0.30]

4 Health and Safety Management

4.1 Risk Assessment According to "People's Republic of China on Protection of Minors Act" requirements, and taking into account the minors lack of experience, lack of risk awareness, and not Mature, requiring schools should properly assess the level of risk faced by minors, and then take measures to protect their health and safety.

Note. The "People's Republic of China on Protection of Minors Act" states.

--- Schools, kindergartens, nurseries security system should be established to strengthen the safety education of minors, to take measures to protect the person of the minor Safety;

--- Schools, kindergartens, nurseries shall not carry out educational activities endanger minors, personal safety and health of school buildings and other facilities in place;