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

**GB 8772-2011**

Replacing GB 8772-1988

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**Hygienic standard for seat arrangement and illumination in  
classroom with television**

电视教室座位布置范围和照度卫生标准

**(English Translation)**

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## Table of Contents

|                         |
|-------------------------|
| Foreword                |
| Introduction            |
| 1 Scope                 |
| 2 Normative references  |
| 3 Terms and Definitions |

### Foreword

The standard 5.3 and Chapter 6 are recommendatory, and the rest are mandatory.

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

This standard replaces GB 8772-1988 "TV classroom seating arrangement and illumination health standards." Compared with GB 8772-1988, the main technical changes as follows.

- An increase of some terms and definitions (3.3, 3.4 of this standard).
- Removed some terms and definitions (GB 8772-1988 4.3).
- Revised instructional television viewing distance (in this standard 4.1; GB 8772-1988 2.1).
- Modify the TV classroom lighting standard (this standard is 5.1; GB 8772-1988 3.1).
- Revised provisions on television classroom light source (the present standard 5.3; GB 8772-1988 3.3).
- Added television classroom lighting maintenance factor requirements (this standard 5.4).
- Increasing the general education classroom TV requirements (Chapter 6 of this standard).

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This standard is proposed and administered by the People's Republic of China Ministry of Health.

This standard by the People's Republic of China Ministry of Health is responsible for interpretation.

This standard was drafted. Fudan University School of Public Health.

## Introduction

Chapter 1 of this standard to specify other types of classrooms equipped with TV should refer to the implementation of the requirements of the classroom television. China's current ordinary classroom Cape Equipped with a TV and all over television teaching, but ordinary classroom arrangement is mainly to meet the traditional teaching methods, classroom layout requirements with TV Very different view of this, the present standard Chapter 6 individual request TV ordinary classroom teaching.

TV classroom seating arrangement and illumination hygiene standards

## 1 Scope

This standard specifies the scope of TV classroom seating arrangement, illumination and television regular classroom teaching requirements.

This standard applies to all types of schools to TV as the main classroom teaching methods. Other TV equipped with various types of classrooms should Referring use.

## 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 5699 daylighting measurement methods GB/T 5700 Lighting Measurement GB 7793 primary and secondary school classroom lighting and lighting health standards GB J99 primary and secondary school buildings

## 3 Terms and Definitions

GB 7793 and established in the following terms and definitions apply to this document.

The level of television viewing oblique angle horizontalbiasangleofview Viewer axis deviation angle to the TV screen in the horizontal direction, in order to represent the symbol alpha (angle alpha in FIG. 1).

1 level oblique angle viewing TV 3.2 Watch elevation verticalpositiveangleofview TV the viewer at eye level with the TV screen into a center angle to indicate the symbol beta (Figure 2 beta angle).