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NATIONAL STANDARD



OF THE PEOPLE'S REPUBLIC OF CHINA

中华人民共和国国家标准

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GB 50352-2005

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**Code for design of civil buildings**

**民用建筑设计通则**

Issued on: May 9<sup>th</sup>, 2005

Implemented on: July 1<sup>st</sup>, 2005

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Jointly Issued by:

Ministry of Construction of the People's Republic of China  
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THE PEOPLE'S REPUBLIC OF CHINA

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## **NOTICE**

This code is written in Chinese and English. The Chinese text shall be taken as the ruling one in the event of any inconsistency between the Chinese text and the English text.

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Notice on publishing the national standard “Code for design of civil buildings” by the Ministry of Construction of the People’s Republic of China

Hence the new Standard “Code for Design of Civil Buildings” has been approved as a national standard with a serial number of GB 50352-2005, which shall come into force upon July 1<sup>st</sup>, 2005. Herein, Articles (Items) 4.2.1, 6.6.3 (1, 4), 6.7.2, 6.7.9, 6.12.5, 6.14.1 are mandatory provisions, which must be forced strictly. The former “Code for design of civil buildings” JGJ 37-87 shall be abolished simultaneously.

The printing and issuance of this Standard falls into the responsibility of China Construction Industrial Publisher under the organization of the Institute of Norm and Ration of the Ministry of Construction of the People’s Republic of China.

**Ministry of Construction of the People’s Republic of China**

May 9<sup>th</sup>, 2005

## Preface

This Standard is revised version of the “Code for Design of Civil Buildings” JGJ 37-87 on the basis of the requirements in Document JB [2001] No.87 of the Ministry of Construction. This Code was revised by the revision team after the wide investigation and research, careful summarization of the practical experiences, with references to relative international standards and advanced codes in aboard, and on the basis of widely asked for comments.

The main technical contents of this code are: 1. General provisions; 2. Terms; 3. Basic Requirements; 4. Limits of the urban planning to the buildings; 5. Design of sites; 6. Design of buildings; 7. Indoor environments; 8. Building facilities.

The main revised technical contents are: The design rule, designed service time, the basic requirements of the climate sub area to the buildings, the outshoot of the building, building plan, indoor environments; the terms, floor plan layout, building curtain wall, interior and exterior decoration, and building facilities are added in this Code.

The provisions indicated in the bold face are mandatory provisions, which must be forced strictly.

The Ministry of Construction is in charge of management and explanation of the mandatory provisions in this standard, the China Institute of Building Standard Design & Research is responsible for the explanation of the specific technical contents.

Those who use this Standard are kindly requested to pay attention to sum-up experiences, accumulating information, and mail relevant suggestions and comments at any time to: China Institute of Building Standard Design & Research (19, Che Gong Zhuang Da Jie Street, Outside of Xizhimen, Beijing Urban, China, Post Code: 100044) for references of the later revision of this Code.

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# 1 General Provisions

**1.0.1** In order to make the civil buildings meet the basic requirements of be serviceable, economic, safety, sanitation, environmental protection and so on, this Code was made to be the general rules that must be complied in the design of all kinds of civil buildings.

**1.0.2** This Code is applicable for the design of new, renovated, and extension of civil buildings.

**1.0.3** The design of civil buildings shall not only in compliance with relative national laws and codes in the engineering construction, but also shall comply with following provisions:

1 Shall correctly manage relative relationships between people, building and environment according to the principles of the sustainable development strategy;

2 Must protect the ecology environment, prevent pollution and destroy of environment;

3 Shall in compliance with the substantial and vigorous needs of people, based on peoples orientation;

4 Shall carry out the basic national policies of saving fields, energy, water, and raw material;

5 Shall comply with provisions of local urban planning, and be harmonize with surrounding environment;

6 The building and environment shall adopt synthetically the disaster prevention and safety measurements of fire protection, anti-seismic, flood protection, anti-aircraft, anti-storm and snow, anti- lightning strike and so on;

7 To be convenient for the usage of handicapped people, old people and so on, the accessibility facilities shall be provided in the indoor and outdoor environments;

8 All kinds of constructions in the areas of all grades of historical culture famous cities, historical culture protection zones, culture protection units, and famous scenic sites that issued by the nation and local districts, shall be done according to the protection planning and relative bylaws established by nation and the local district.

**1.0.4** The design of civil buildings shall not only meet this code, but also comply with provisions in relative current national standards and codes.

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