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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 50096-2011

Design Code for Residential Buildings

住宅设计规范

Issued on July 26, 2011

Implemented on August 01, 2012

Jointly Issued by the Ministry of Housing and Urban-Rural Development (MOHURD) and the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ) of the People's Republic of China

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Ministry of Housing and Urban-Rural Development of the People's
Republic of China

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Announcement on Publishing the National Standard "Design Code for Residential Buildings"

"Design Code for Residential Buildings" has been approved as a national standard with a serial number of GB 50096-2011 and will be implemented from August 01, 2012. Articles 5.1.1, 5.3.3, 5.4.4, 5.5.2, 5.5.3, 5.6.2, 5.6.3, 5.8.1, 6.1.1, 6.1.2, 6.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.5, 6.3.1, 6.3.2, 6.3.5, 6.4.1, 6.4.7, 6.5.2, 6.6.1, 6.6.2, 6.6.3, 6.6.4, 6.7.1, 6.9.1, 6.9.6, 6.10.1, 6.10.4, 7.1.1, 7.1.3, 7.1.5, 7.2.1, 7.2.3, 7.3.1, 7.3.2, 7.4.1, 7.4.2, 7.5.3, 8.1.1, 8.1.2, 8.1.3, 8.1.4, 8.1.7, 8.2.1, 8.2.2, 8.2.6, 8.2.10, 8.2.11, 8.2.12, 8.3.2, 8.3.3, 8.3.4, 8.3.6, 8.3.12, 8.4.1, 8.4.3, 8.4.4, 8.5.3, 8.7.3, 8.7.4, 8.7.5 and 8.7.9 in this code are compulsory and must be enforced strictly. Meanwhile, the former "Design Code for Residential Buildings" (GB 50096-1999, Edition 2003) shall be abandoned.

This code published by China Architecture and Building Press who is organized by Research Institute of Standards & Norms (RISN).

Ministry of Housing and Urban-Rural Development of the People's Republic of China

July 26, 2011

Foreword

According to the requirements of Document Jian Biao [2008]NO.102 issued by the MOHURD - "Notice on Printing and Publishing - Development and Revision Plan of Engineering Construction Standards in 2008 (first batch)", China Architecture Design and Research Group and other organizations concerned revised "Design Code for Residential Buildings" (GB 50096-1999, Edition 2003) and formulated this code.

During the revision, the revision group of this code earnestly summed up experience, widely investigated and studied, referred to relevant international standards and foreign advanced standards, and finalized this code on the basis of wide opinion solicitation as well as discussion and modification time and again.

This code comprises eight chapters; the major technical contents are as follows: General Provisions; Terms; Basic Requirement; Calculation of Technical and Economic Indicators; Space within the Dwelling Unit; Common Facilities; Interior Environment; Building Equipment.

The significant changes of this revision include:

- 1 The classification of residential type, the minimum utilization area of each room, the calculation of technical and economic indicators, the setup of storied buildings, elevators and post box were changed;
- 2 Terms were added;
- 3 The content related to energy conservation, interior environment, building equipment and exhaust passage were broadened.

The provisions printed in bold type in this code are compulsory and must be enforced strictly.

The Ministry of Housing and Urban-rural Development is in charge of the administration of this code and is responsible for the explanation of the compulsory provisions; China Architecture Design and Research Group is responsible for the explanation of specific technical contents. If there are any provisions necessary to revise or supplement during the process of implementing this code, the relevant opinions, advice and relevant data can be kindly posted or passed on to the national residential building Engineering center of China Architecture Design and Research Group (Chegongzhuang Street No.19, Xicheng District 100101, Beijing, China) for future reference.

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Contents

1	General Provisions	1
2	Terms.....	1
3	Basic Requirement	3
4	Calculation of Technical and Economic Indicators.....	3
5	Space Within the Dwelling Unit	5
5.1	Dwelling Unit.....	5
5.2	Bed Room and Living Room (Hall).....	5
5.3	Kitchen	5
5.4	Bathroom.....	6
5.5	Storey Height and Interior Net Storey Height.....	6
5.6	Balcony	7
5.7	Passage, Storage Space and Interior Stairs.....	7
5.8	Doors and Windows	8
6	Common Facilities	9
6.1	Windowsill, Railing and Step.....	9
6.2	Emergency Evacuation.....	9
6.3	Stairs.....	10
6.4	Elevator	10
6.5	Gallery, Exit and Entrance	11
6.6	Requirements about Barrier-Free Design.....	11
6.7	Post Box	12
6.8	Common Exhaust Pipe.....	13
6.9	Basement and Semi-basement.....	13
6.10	Accessorial Public Rooms.....	14
7	Interior Environment.....	14
7.1	Sunlight, Natural Lighting and Shading.....	14
7.2	Natural Ventilation	15
7.3	Sound Insulation and Noise Reduction	15
7.4	Waterproof and Moistureproof.....	16
7.5	Interior Air Quality.....	16
8	Building Equipments.....	16
8.1	General Requirement	16
8.2	Water Supply and Sewerage.....	17
8.3	Heating	19
8.4	Gas	20
8.5	Ventilation	20
8.6	Air Conditioning	21
8.7	Electric	21
	Explanation of Wording in This Code.....	24

Design Code for Residential Buildings

住宅设计规范

1 General Provisions

1.0.1 This code is formulated to guarantee basic housing conditions and service quality, improve design level of town residential buildings and ensure residential building design to meet the requirements of safety, hygiene, applicability and economy.

1.0.2 This code is applicable to the design of newly-built, expanded and reconstructed town residential buildings throughout the country.

1.0.3 The residential building design must comply with the relevant national policies, laws and regulations and the relevant requirements of safety, hygiene, environment protection, optimal land utilization, energy and resource conservation etc.

1.0.4 The residential building design shall not only comply with this code but also comply with those in the current relevant ones of the nation.

2 Terms

2.0.1 Residential building

The buildings used for the inhabitation of the family

2.0.2 Dwelling unit

The basic residential building units composed of habitable space, kitchen and bathroom.

2.0.3 Habitable space

The general terms of bed room and living room

2.0.4 Bed room

The space used for the slumber and rest of the resident

2.0.5 Living room

The space used for the activities of the resident such as receiving a visitor, entertainment, uniting, etc.

2.0.6 Kitchen

The space used for the cooking of the resident

2.0.7 Bathroom

The space used for the activities of the resident such as defecating, scouring bath, washing one's hands and face etc.

2.0.8 Usable area

The practical applicable area excluding the area of wall, pillars etc.

2.0.9 Storey height

The vertical distance between the adjacent upper and lower two floors or between the first floor and the ground

2.0.10 Interior net storey height

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