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

**中华人民共和国国家标准**

**GB 50411-2007**

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**Code for acceptance of energy efficient building  
construction**

**建筑节能工程施工质量验收规范**

**Issued on January 06, 2007**

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**Ministry of Construction of People's Republic of China**

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## **Notice from Ministry of Construction on Publishing the National Standard of “Code for acceptance of energy efficient building construction”**

Hence “Code for acceptance of energy efficient building construction” has been approved as the national standard with a serial number of GB 50411—2007, which shall come into force upon October 1, 2007. Herein, provisions 1.0.5, 3.1.2, 3.3.1, 4.2.2, 4.2.7, 4.2.15, 5.2.2, 6.2.2, 7.2.2, 8.2.2, 9.2.3, 9.2.10, 10.2.3, 10.2.14, 11.2.3, 11.2.5, 11.2.11, 12.2.2, 13.2.5 and 15.0.5 are compulsory provisions, which must be forced strictly.

This Code is published and distributed by China Architecture & Building Press.

**Ministry of Construction of the people's Republic of China**

**January 16, 2007**

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## 1 General Provision

- 1.0.1** In order to strengthen the quality management of energy efficient engineering, uniform its quality acceptance and improve the energy-saving effect, this regulation is worked out as per current state law, regulation, management requirements and related technical standards concerning project quality and building energy efficiency.
- 1.0.2** This regulation is applicable for quality acceptance of building energy saving engineering such as wall, curtain wall, door and window, roof, heating, ventilation and air conditioning, as well as hot and cold source piping, power distribution and lighting, and monitoring and control of HVAC system of newly built, reconstructed and expanded civil buildings.
- 1.0.3** The requirement on the project quality stipulated in engineering technical document and contracts shall not be lower than that of regulation in this code.
- 1.0.4** Besides this code, energy efficient engineering quality acceptance shall also comply with Unified Standard for Constructional Quality Acceptance of Building Engineering GB 50300, codes for quality acceptance of engineering of all disciplines as well as current national standards related.
- 1.0.5** **Completion acceptance of the project shall be conducted after energy efficient engineering of this project passes the acceptance.**

## 2 Terms

**2.0.1** Insulating mortar

Made up with bonding powder and polystyrene granules or other insulating lightweight aggregates, the mortar is blended with certain percentage of water before being used.

**2.0.2** Bay window

Window projecting out of the external side of external wall.

**2.0.3** Outside doors and windows

Those doors and windows on the building envelope that are exposed to outdoor air.

**2.0.4** Shading coefficient of glass

Ratio of heat gain from solar radiant through windows to that through standard 3mm transparent window glass.

**2.0.5** Transparent curtain wall

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