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**Design code for residential buildings
(English Translation)**

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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.

3 Basic Requirement

3.0.1 The design shall meet the requirements of town planning and planning of residential area and uses the land and space economically, reasonably and efficiently.

3.0.2 The design shall make buildings and surrounding environment in the harmony and the convenient and cozy living space shall be reasonably organized.

3.0.3 The design shall comply with "People First"; it shall not only meet the operating requirements of the general inhabitation but also meet the operating requirements of the aged, the disabled etc ..

3.0.4 The design shall meet the requirements of sunlight, natural lighting, ventilation and soundproof needed by the resident.

3.0.5 The design must meet the requirements of energy conservation; the residential building shall be able to make full use of energy. The energy supply mode combining conventional energy sources and renewable energy shall be adopted according to the energy conditions of different regions.

3.0.6 Standardization, modularization and diversification shall be promoted for the design of residential building; new techniques, new materials and new products shall be adopted actively;

industrialization design, construction technique and modulus application technology shall be popularized positively.

3.0.7 The structure design shall meet the requirements of safety, applicability and durability.

3.0.8 The design shall meet the requirements of the relevant fire prevention code and shall meet the requirements of safe evacuation.

3.0.9 The design shall meet the basic requirements of function effectiveness, operating safety, maintenance convenience etc. of the equipment system and shall reserve reasonable installation position for the relevant equipment.

3.0.10 The design shall consider the reconstructive potential at the same time meeting near-term operating requirements.

4 Calculation of Technical and Economic Indicators

4.0.1 The design shall count the following technical and economic indicators: