



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

GB 50153-2008

Replacing GB 50153-1992

Unified standard for reliability design of engineering structures

工程结构可靠性设计统一标准

(English Translation)

Issued on: November 12, 2008

Implemented on: July 1, 2009

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China;**

**General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This Chinese standard applies to the entire structure, composition, structural components and foundation design, suitable for structural construction and use phases of design, suitable for both structural reliability assessment. Engineering structures should be designed based on the theory of probability used to express the partial coefficient limit state design methods, when the lack of statistical data, engineering structures designed according to sound engineering experience or the necessary pilot studies, may also allowable stress or experience of a single security coefficient method. Various types of engineering design standards and other relevant standards specified in this standard shall comply with the basic norms and should develop appropriate specific provisions. Engineering design in addition to complying with this standard, there should comply with existing national standards.

Document data

Chinese classification (CCS): P20.

Estimated length of the Chinese original: 158,190 words.

Supersedes the earlier edition GB 50153-1992.