

ICS 91.120.30

CCS A 59



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

GB/T 19889.10-2006

**Acoustics -- Measurement of sound insulation in buildings and
of building elements -- Part 10: Laboratory measurements of
airborne sound insulation of small building elements**

声学 建筑和建筑构件隔声测量 第10部分：小建筑构件空气声隔声的实验室测量

(English Translation)

Issued on: July 25, 2006

Implemented on: December 1, 2006

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

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard gives the following small building elements in the diffuse sound field conditions Laboratory measurements of airborne sound insulation methods. Measurement results can be used to guide the development of an appropriate sound insulation of building elements, but also according to the measurement results for these components were graded according to their acoustic performance and assessing such structural components for building wall insulation effect. This section is intended is the area less than a square, and the lateral scales to determine the various building components, but does not include doors and windows. These building elements in the two adjacent rooms, or between a separate room with adjacent building body sound transmission between the outdoor space. For example, some of the equipment in this section are as follows: ventilation equipment, vents (air conditioners), Outdoor air inlet, electrical conduit (cable duct), transmission sealing system. This method is not used to measure the composition unit component parts, component parts related because sound transmission may depend on the interaction between the various components.

Document data

International classification (ICS): 91.120.30.

Chinese classification (CCS): A59.

Estimated length of the Chinese original: 10,193 words.

Adopted international standard: ISO 140-10-1991, IDT.

Standards quoted by this document

GB/T 19889.1-2005; GB/T 19889.3-2005; GB/T 50121-2005