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

GB/T 9978.9-2008

**Fire-resistance tests -- Elements of building construction -- Part
9: Specific requirements for non-loadbearing ceiling elements**

建筑构件耐火试验方法 第9部分：非承重吊顶构件的特殊要求

(English Translation)

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Foreword

GB/T 9978 "building components resistance test methods" is expected to be divided into several parts as follows.

- Part 1. General requirements;
- Part 2. fire resistance test furnace calibration;
- Part 3. Test methods and test data application notes;
- Part 4. load-bearing vertical partition member of the special requirements;
- Part 5. horizontal load-bearing partition member of the special requirements;
- Part 6. Particular requirements for the beam;
- Part 7. Particular requirements for the column;
- Part 8. Particular requirements for non-load-bearing vertical partition member;
- Part 9. Particular requirements for non-load-bearing ceiling member;

This is Part 9 GB/T 9978's.

The partial modification of the use of ISO 834-9:2003 "Fire resistance tests Part 9 building

elements. a special non-load-bearing member to the partition level Seeking "(in English).

This section according to ISO 834-9:2003 redrafted. Appendix A of ISO 834-9:2003 original Appendix and Appendix B lists headquarters Sub-reg number and ISO 834-9:2003 reg control list numbered.

Taking into account China's national conditions, in the use of ISO 834-9:2003 when this part has made several modifications. About the technical differences have been incorporated into the text and identifies a single vertical line in which they are involved with the provisions margin. Given these technical differences and its prime in Appendix C Because the list for reference.

For ease of use, corresponding to ISO 834-9:2003, this section also made the following editorial changes.

--- "This part of ISO 834" was changed to "GB/T 9978 in this section";

"," --- With a decimal point instead of a comma as the decimal point, "";

--- Remove the foreword and introduction of international standards.

This section in Appendix A, Appendix B and Appendix C are informative appendices.

This section presents the People's Republic of China Ministry of Public Security.

This part of the National Fire Protection Standard Technical Committee on Building Fire Resistance member Technical Committee (SAC/TC113/SC8) centralized.

This section is drafted. Tianjin Fire Research Institute of Ministry of Public Security.

1 Scope

GB/T 9978 in the lower part of this section provides test procedures for determining the non-load-bearing properties of the ceiling element fire by the fire, the ceiling member class Fire performance has not affected the upper portion of any building components. This section applies to non-load-bearing ceiling member, including self-supporting ceiling, Suspended ceiling and simply supported Ceiling.

When untested structural building elements eligible direct application of this section gives the provisions of this section have been made according to the provisions of Element fire Fire Test performance results can be applied to similar building components untested.

This section does not apply to horizontal fire separation member above the load-bearing member to protect its ceiling, the ceiling fire resistance class member You can press GB/T 9978.5 test.

2 Normative references

The following documents contain provisions which, through reference to GB/T 9978 to the present, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to the agreement can be used to study the latest versions of these files. Who does not note date reference documents, the latest versions apply to this section.

GB/T 5907 basic fire Terminology Part 1)

1) This standard will be revised in the integration of GB/T 5907-1986, GB/T 14107-1993 and GB/T 16283-1996 based on the "Fire Vocabulary" as the general title, is divided into five sections. Wherein, Part 2 GB/T 5907.2 "Fire Vocabulary - Part 2. Fire Safety Vocabulary" will modify the use of ISO 13943:2000.

GB/T 9978.1 building components resistance test methods - Part 1. General requirements (GB/T 9978.1-2008, ISO 834-1.

1999, MOD)

GB/T 9978.5 building components resistance test methods - Part 5. Particular requirements for load-bearing horizontal separation member (GB/T 9978.5-2008, ISO 834-5:2000, MOD)

3 Terms and Definitions

GB/T 5907, GB/T 9978.1 and GB/T 9978.5 and established the following terms and definitions apply to this section.

Non-load-bearing building components for horizontal fire separation.

Spacer for fixing the ceiling structure or suspension system.