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## **Fire-resistance tests — Elements of building construction —**

### **Part 7: Specific requirements for columns**

*Essais de résistance au feu — Éléments de construction —  
Partie 7: Exigences spécifiques relatives aux poteaux*



Reference number  
ISO 834-7:2000(E)

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 834 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 834-7 was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 2, *Fire containment*.

ISO 834 consists of the following parts, under the general title *Fire-resistance tests — Elements of building construction*:

- *Part 1: General requirements*
- *Part 3: Commentary on test method and test data application*
- *Part 4: Specific requirements for loadbearing vertical separating elements*
- *Part 5: Specific requirements for loadbearing horizontal separating elements*
- *Part 6: Specific requirements for beams*
- *Part 7: Specific requirements for columns*
- *Part 8: Specific requirements for non-loadbearing vertical separating elements*
- *Part 9: Specific requirements for non-loadbearing horizontal separating elements*
- *Part 10: Method to determine the contribution of applied protection materials to structural metallic elements*
- *Part 11: Method to assess the contribution of applied protection materials to structural metallic elements*

Annexes A and B of this part of ISO 834 are for information only.

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## Introduction

This part of ISO 834 contains specific requirements for fire-resistance testing which are unique to the elements of building construction described as columns. The requirements for these loadbearing elements are intended to be applied in appropriate conjunction with the detailed and general requirements contained in ISO 834-1.