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Interested committees:

Title: Draft BS ISO 834-7 Fire-resistance tests - Elements of building construction. Part 7: Specific requirements for columns.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



DRAFT International Standard

ISO/DIS 834-7

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*

ICS: 13.220.50

ISO/TC 92/SC 2

Secretariat: **ANSI**

Voting begins on:
2024-03-06

Voting terminates on:
2024-05-29

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Foreword

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This document was prepared by Technical Committee ISO/TC 92, Fire Safety, Subcommittee SC 2, Fire Resistance.

This second edition cancels and replaces the first edition (ISO 834-7:2000), which has been technically revised.

The main changes are as follows:

- The addition of an alternative method of test for the protection of steel columns without an applied axial load. The alternative method (non-loaded) is referred to as Method B. The original method which requires columns to be tested with an applied axial load is now referred to as Method A.

A list of all parts in the ISO 834 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.