



Published 1979-04-01

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

## Fire-resistance tests — Elements of building construction

### AMENDMENT 1

Amendment 1 to International Standard ISO 834-1975 was developed by Technical Committee ISO/TC 92, *Fire tests on materials, components and structures*.

It was submitted directly to the ISO Council, in accordance with clause 6.13.1 of the Directives for the technical work of ISO.

Page 1 : Insert the following text before clause 1 :

**So that suitable precautions to safeguard health may be taken, the attention of all persons concerned in fire tests is drawn to the possibility that toxic or harmful gases may be evolved in combustion of test elements.**

Replace the footnote by the following :

1) The testing of suspended ceilings forming a part of unventilated load-bearing floor and roof assemblies will form the subject of ISO 6167.

Page 3 : Replace sub-clause 4.2 by the following :

#### 4.2 Pressure conditions

An over-pressure<sup>1)</sup> of  $10 \pm 2$  Pa ( $1,0 \pm 0,2$  mmH<sub>2</sub>O or  $0,04 \pm 0,008$  inH<sub>2</sub>O)<sup>2)</sup> shall exist in the furnace during the whole heating period of fire-resistance tests on separating elements of building construction. For vertical separating elements, over-pressure shall exist over at least the upper two-thirds of the height of the test specimen. The specified over-pressure shall be measured and monitored :

- a) for horizontal elements — 100 mm from the under-side of the specimen; ;
- b) for vertical elements — at a point located approximately at three-quarters of the height of the element under test.

NOTE — The pressure difference may also be achieved by lowering the pressure on the unexposed face.

In footnote 1), replace "10 min" by "5 min".

Page 7 : Delete the note at the beginning of clause A.0.

UDC 69.02 : 699.81 : 620.1

Ref. No. ISO 834-1975/A1-1979 (E)

**Descriptors :** buildings, construction materials, structural members, floors, walls, partition walls, columns (supports), beams, roofing, tests, fire tests, testing conditions.

Price based on 1 page