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ISO 834.1:1999 Fire resistance tests-Elements of building construction-General requirements

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Abbreviation
ISO 834.1:1999

Amendment
Amd 1:2012

Valid from
30/09/1999

Information provider
Standards New Zealand

Author
International Organisation for Standardization

Information type
ISO Standard

Format
PDF

Cited By

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Description

This part of ISO 834 specifies a test method for determining the fire resistance of various elements of construction when subjected to standard fire exposure conditions. The test data thus obtained will permit subsequent classification on the basis of the duration for which the performance of the tested elements under these conditions satisfies specified criteria.

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The document covers:

- — accuracy of measuring equipment;
- — tolerances applied to the deviation of the curve of the average furnace temperature with respect to the standard heating curve;
- — pressure conditions for vertical and horizontal elements;
- — specification of test load;
- — conditioning;
- — application of instrumentation;
- — criteria respecting loadbearing capacity.

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