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Standard Guide for Assessment of Continued Applicability of Fire Test Reports Used in Building Regulation¹

This standard is issued under the fixed designation E2989; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This guide contains concepts that provide guidance for assessing the continued applicability of fire response test reports of materials or products used in building regulation.

1.2 This guide provides guidance for sponsors and users of fire test reports on the continued applicability of fire test reports. This guide is intended to identify conditions that may cause a fire test report which was valid when prepared to no longer be an appropriate tool upon which decisions about the materials or products can be based.

1.3 Application of this guide is dependent on the technical changes in the fire test standard that could impact the test results and thus the classification of the material or product. Application of this guide will be better facilitated when fire test standards include explicit documentation of significant historical technical changes.

1.4 This guide does not address fire test reports relating to fire resistance tests.

1.5 The determination of the validity of a fire test report is outside the scope of this guide.

1.6 Fire test reports or certificates on assemblies are outside the scope of this guide.

1.7 Fire test reports or certificates on materials or products listed, labeled and inspected by a certification agency are outside the scope of this guide.

NOTE 1—Certification agencies have their own criteria to assess the continued applicability of fire test reports.

1.8 Some concepts contained in this guide may not be applicable to all fire test reports since they are a function of the type of fire test conducted and of the type of material or product assessed.

1.9 This fire standard cannot be used to provide quantitative measures.

2. Referenced Documents

2.1 *ASTM Standards*:²

[E84 Test Method for Surface Burning Characteristics of Building Materials](#)

[E176 Terminology of Fire Standards](#)

[E2536 Guide for Assessment of Measurement Uncertainty in Fire Tests](#)

2.2 *Other Standards*:³

[ISO 13943 Fire Safety – Vocabulary](#)

[ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories](#)

3. Terminology

3.1 *Definitions*—For definitions of terms used in this guide and associated with fire issues, refer to the terminology contained in Terminology [E176](#) and ISO 13943. In case of conflict, the terminology in Terminology [E176](#) shall prevail.

3.2 *Definitions of Terms Specific to This Standard*:

3.2.1 *certification agency (organization), n*—an accredited agency operating a product or material certification system that incorporates initial product testing, assessment and surveillance of a manufacturer's quality control system.

3.2.2 *labeled, adj*—equipment, materials or products to which has been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, inspection agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above-labeled items and whose labeling indicates either that the equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

3.2.3 *listed, adj*—equipment, materials, products or services included in a list published by an organization acceptable to the code official and concerned with evaluation of products or services that maintains periodic inspection of production of

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.