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An American National Standard

Standard Terminology of Fire Standards¹

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ε¹ NOTE—Editorial changes were made throughout in August 2003.

1. Scope

1.1 This terminology covers terms, related definitions, and descriptions of terms used or likely to be used in fire-test-response standards, fire-hazard-assessment standards, and fire-risk-assessment standards. Definitions of terms are special-purpose definitions that are consistent with the standard definitions but are written to ensure that a specific fire-test-response standard, fire-hazard-assessment standard, or fire-risk-assessment standard is properly understood and precisely interpreted.

NOTE 1—For additional information, refer to ASTM Policy on Fire Standards.²

2. Referenced Documents

2.1 ASTM Standards:

- D 3286 Test Method for Gross Calorific Value of Coal and Coke by the Isotherm Bomb Calorimeter³
- E 84 Test Method for Surface Burning Characteristics of Building Materials⁴
- E 136 Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C⁴
- E 119 Test Methods for Fire Tests of Building Construction and Materials⁴
- E 152 Methods of Fire Tests of Door Assemblies⁵
- E 163 Method for Fire Tests of Window Assemblies⁵
- E 648 Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source⁴
- E 800 Guide for Measurement of Gases Present or Generated During Fires⁴
- E 814 Test Method for Fire Tests of Through-Penetration Fire Stops⁴

- E 906 Test Method for Heat and Visible Smoke Release Rates for Materials and Products⁴
- E 970 Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source⁴
- E 1317 Test Method for Flammability of Marine Surface Finishes⁴
- E 1321 Test Method for Determining Material Ignition and Flame Spread Properties⁴
- E 1352 Test Method for Cigarette Ignition Resistance of Mock-Up Upholstered Furniture Assemblies⁴
- E 1353 Test Method for Cigarette Ignition Resistance of Components of Upholstered Furniture⁴
- E 1354 Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter⁴
- E 1474 Test Method for Determining the Heat Release Rate of Upholstered Furniture and Mattress Components or Composites Using a Bench Scale Oxygen Consumption Calorimeter⁴
- E 1529 Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies⁴
- E 1537 Test Method for Fire Testing of Upholstered Furniture Items⁴
- E 1590 Test Method for Fire Testing of Mattresses⁴
- E 1623 Test Method for Determination of Fire and Thermal Parameters of Materials, Products, and Systems Using an Intermediate Scale Calorimeter (ICAL)⁴
- E 1678 Test Method for Measuring Smoke Toxicity for Use in Fire Hazard Analyses⁴
- E 1725 Test Method for Fire Tests of Fire Resistive Barrier Systems for Electrical System Components⁴
- E 1776 Guide for Development of Fire-Risk-Assessment Standards⁴
- E 1822 Test Method for Fire Testing of Stacked Chairs⁴
- 2.2 ISO Standards⁶:
 - ISO 1182, Fire Tests-Building Materials-Non-Combustibility Test

¹ This terminology is under the jurisdiction of ASTM Committee E05 on Fire Standards and is the responsibility of Subcommittee E05.31 on Terminology and Editorial.

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² Available from ASTM Headquarters, 100 Barr Harbor Drive, West Conshohocken, PA 19428.

³ Annual Book of ASTM Standards, Vol 05.05.

⁴ Annual Book of ASTM Standards, Vol 04.07.

⁵ Discontinued; see 1994 Annual Book of ASTM Standards, Vol 04.07.

⁶ Date indicates year of introduction or latest review or revision.