



## National Fire Protection Association

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### *FALL 2011 ROP MEETING MINUTES*

#### **NFPA Technical Committee on Fire Tests**

**(FIZ-AAA)**

August 16<sup>th</sup>, 2010

Embassy Suites

Baltimore, MD

- 1. Call to Order.** The meeting of the Technical Committee on Fire Tests was called to order by Chair Bill Fitch at 8:00 AM on Monday August 16<sup>th</sup>.
- 2. Introduction of Committee Members and Guests.** Self introductions of members and guests were completed. The following committee members were in attendance:

<b>NAME</b>	<b>REPRESENTING</b>
Fitch, William, Chair	Phyrefish Enterprises, Inc.
Alfawakhiri, Farid, Principal	American Iron and Steel Institute
Bill, Robert, Principal	FM Global
Damant, Gordon, Principal	Inter-City Testing & Consulting Corp. of California
Fritz, Thomas, Principal	Armstrong World Industries, Inc.
Koffel, William, Principal	Koffel Associates, Inc.
Luna, Michael, Principal	Intertek Testing Services
Parker, Arthur (Alt. to J. Beitel)	Hughes Associates, Inc.
Marshall, Andre, Principal	University of Maryland
Sheppard, David, Principal	US Bureau of Alcohol, Tobacco, Firearms & Explosives

Sloan, Dwayne, Principal	Underwriters Laboratories, Inc.
Sumathipala, Kuma, Principal	American Forest & Paper Association
Thornberry, Rick, Principal	The Code Consortium, Inc.
Golinveaux, Tracy, Staff Liaison	National Fire Protection Association

The following guests were in attendance:

<b>NAME</b>	<b>REPRESENTING</b>
Van Zeeland, Ineke	Canadian Wood Council
Zaremba, Thomas	Roetzel & Andress

The following committee members were not present:

<b>NAME</b>	<b>REPRESENTING</b>
Badders, Barry, Principal	Southwest Research Institute
Hartzell, Gordon, Principal	Hartzell Consulting, Inc.
Hirschler, Marcelo, Principal	GBH International
Hogan, Alfred, Principal	Rep. International Fire Marshals Association
Lawson, James, Principal	National Institute of Standards & Technology
McPhee, Rodney, Principal	Canadian Wood Council
Newman, Kathleen, Principal	Firetect
Tally, T. Hugh, Principal	Hugh Tally Association Rep. Upholstered Furniture Action Council
Wessel, Robert, Principal	Gypsum Association

Adams, Scott (Alt. to A. Hogan)	International Fire Marshals Association
Ewan, David (Alt. to B. Badders)	Southwest Research Institute
Gann, Richard (Alt. to J. Lawson)	National Institute of Standards & Technology
Ziolkowski, Joe (Alt. to H. Tally)	Upholstered Furniture Action Council
Barker, Robert, NVM	American Fiber Manufacturers Association
Khanna, Rohit, NVM	US Consumer Product Safety Commission

3. **Chair's Report.** The chair welcomed and thanked the committee members present for attending and indicated the purpose of the meeting was to prepare the Reports on Proposals for the Fall 2011 revision cycle documents. The chair recognized the resignation of committee member Gordon Hartzel.

Staff briefly reviewed the purpose of the meeting and NFPA procedures. Tracy Golinveaux was introduced as the new staff liaison for the committee. By the end of the meeting, an action would be completed for each of the public proposals that were received. The committee would also have the opportunity to develop any committee proposals to address any topics or issues related to the standards under revision. Staff reviewed the timelines for processing documents (NFPA 252, 257, 268, 269, 271, 275, 287, 288, and 285) for the F2011 cycle.

Process Step	Date
Proposal Closing	May 28, 2010
ROP Meeting	August 16-17, 2010
ROP Published	December 22, 2010
Comment Closing	March 4, 2011
ROC Published	August 26, 2011
NITMAM Closing	October 21, 2011

4. **Approval of Minutes.** The minutes of the April 15-16, 2010 ROC meeting were approved as submitted.
5. **NFPA 252 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
6. **NFPA 257 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
7. **NFPA 268 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
8. **NFPA 269 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
9. **NFPA 271 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
10. **NFPA 275 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
11. **NFPA 287 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
12. **NFPA 288 Proposals.** The committee acted on the public proposals and created committee proposals. See the ROP letter ballot for the committee actions.
13. **NFPA 285 Comments.** NFPA 285 slipped to the F2011 cycle, extending the time for existing comments to be processed. The committee reviewed a document prepared by R.Thornberry on the existing comments. The committee will not act on any of these comments until the ROC meeting in April.
14. **Fire Test Revision Matrix.** The committee reviewed the updated Fire Test Revision Matrix. All of the fire test committee documents now exist in Fall cycles. The chair assigned specific committee members to review and draft proposals for the F2012 documents (**See Attachment A**).
15. **Other Business.** Committee members discussed the NFPA/UL/ASTM harmonization effort. The document chart was updated and is attached (**See Attachment B**).
16. **Next Meeting Date.** F2011 ROC Meeting: March 29-30 in Scottsdale/Phoenix, AZ  
F2012 ROP Meeting: July 13-14 in Chicago, IL
17. **Adjournment.** The meeting was adjourned at 4:30 p.m. on August 16, 2010.

**ATTACHMENT A**  
**ASSIGNMENT CHART OF PROPOSALS**

<b>Doc #</b>	<b>Title</b>	<b>Rev Cycle</b>	<b>Responsibility</b>
259	Potential Heat of Building Materials	Fall 2012	M. Hirschler
270	Smoke Obscuration Using a conical Radiant Source in a Singe Closed Chamber	Fall 2012	M. Hirschler
289	Room Fire Growth Contribution of Individual Fuel Packages	Fall 2012	M. Hirschler
260	Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture	Fall 2012	G. Damant
261	Determining Resistance of Mock-Up Upholstered Furniture material Assemblies to Ignition by Smoldering Cigarettes	Fall 2012	G. Damant
274	Method to Evaluate Fire Performance Characteristics of Pipe Insulation	Fall 2012	T. Fritz
290	Passive Protection Materials for Use on LP-Gas Containers	Fall 2012	J. Bietel
705	Field Flame Test for Textiles and Films	Fall 2012	M. Hirschler

**ATTACHMENT B**  
**NFPA/UL/ASTM HARMONIZATION EFFORT**

ASTM	NFPA	UL
E0084 Standard Test Method for Surface Burning Characteristics of Building Materials	255 Test of Surface Burning Characteristics of Building Materials, <b>(Method Withdrawn)</b>	723 Test for Surface Burning Characteristics of Building Materials
E0108 Standard Test Methods for Fire Tests of Roof Coverings	256 Fire Tests of Roof Coverings, <b>(Method Withdrawn)</b>	790 Tests for Fire Resistance of Roof Covering Materials
E0119 Standard Test Methods for Fire Tests of Building Construction and Materials	251 Tests of Fire Endurance of Building Construction and Materials <b>(Method Withdrawn)</b>	263 Fire Tests of Building Construction and Materials
E0136 Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750oC		
E0162 Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source		
E0176 Standard Terminology of Fire Standards		
E0535 Standard Practice for Preparation of Fire-Test-Response Standards		
E0603 Standard Guide for Room Fire Experiments		
E0648 Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using Radiant Heat Energy Sources	253 Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source	
E1321 Standard Test Method for Determining Material Ignition and Flame Spread Properties		
E1352 Standard Test Method for Cigarette Ignition Resistance of Mock-Up Upholstered Furniture Assemblies	261 Test for Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes,	
E0662 Standard Test Method for Specific Optical Density	258 Test Method for Determining Smoke Generation of Solid Materials, <b>(Method Withdrawn)</b>	
E0800 Standard Guide for Measurement of Gases Present or Generated During Fires		
E0814 Standard Test Method for Fire Tests of Through-Penetration Fire Stops		1479 Fire Test of Through Penetration Stops
E0906 Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products	263 Heat and Visible Smoke Release Rates for Materials and Products <b>(Method Withdrawn)</b>	
E0970 Standard Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source		
E1317 Standard Test Method for Flammability of Marine Surface Finishes		

ASTM	NFPA	UL
E1474 Standard Test Method for Determining the Heat Release Rate of Upholstered Furniture Using a Bench Scale Oxygen Consumption Calorimeter	272 Method of Test for Heat Release Rates for Upholstered Furniture Components Using Oxygen Consumption Calorimeter ( <b>Method Withdrawn</b> )	
E1321 Standard Test Method for Determining Material Ignition and Flame Spread Properties		
E1353 Standard Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture	260 Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture	
E1354 Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	271 Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	
E1355 Standard Guide for Evaluating the Predictive Capability of Deterministic Fire Models		
E1472 Standard Guide for Documenting Computer Software for Fire Model		
E1529 Standard Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies		
E1537 Standard Test Method for Fire Testing of Upholstered Furniture	266 Standard Method of Test for Fire Characteristics of Upholstered Furniture Exposed to Flaming Ignition Source ( <b>Method Withdrawn</b> )	1056 Fire Test of Upholstered Furniture ( <b>Method Withdrawn</b> )
E1546 Standard Guide for Development of Fire-Hazard-Assessment Standards		
E1590 Standard Test Method for Fire Testing of Mattresses	267 Standard Method of Test for Fire Characteristics of Mattresses & Bedding Assemblies ( <b>Method Withdrawn</b> )	1895 Standard for Safety for Fire Test of Mattresses ( <b>Method Withdrawn</b> )
E1591 Standard Guide for Obtaining Data for Deterministic Fire Models		
E1623 Standard Test Method for Determination of Fire and Thermal Parameters of Materials, Products, and Systems Using an Intermediate Scale		
E1678 Standard Test Method for Measuring Smoke Toxicity for Use in Fire Hazard Analysis	269 Test Method for Toxic Potency Data for Use in Fire Hazard Modeling	
E1725 Standard Test Methods for Fire Tests of Fire-Resistive Barrier Systems for Electrical System Components		1724 Fire Tests for Electrical Circuit Protective Systems ( <b>Method Withdrawn</b> )

ASTM	NFPA	UL
E1740 Standard Test Method for Determining the Heat Release Rate and Other Characteristics of Wallcovering Composite Using a Cone Calorimeter		
E1776 Standard Guide for Development of Fire-Risk-Assessment Standards		
E1822 Standard Test Method for Fire Testing of Stacked Chairs		
E1895 Standard Guide for Determining Uses and Limitations of Deterministic Fire Models		
E1966 Standard Test Method for Fire-Resistive Joint Systems		2079 Fire Resistive of Building Joint Systems
E1995 Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source	270 Standard Method of Test for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber	
E2010 Standard Test Method for Positive Pressure Fire Tests of Window Assemblies <b>(Method Withdrawn)</b>	257 Fire Test of Window and Glass Block Assemblies	9 Fire Tests of Window Assemblies
E2032 Standard Guide for Extension of Data From Fire Endurance Tests		
E2058 Standard Test Methods for Measurement of Synthetic Polymer Material Flammability Using a Fire Propagation Apparatus (FPA)	287 Material Flammability Using Fire Propagation Apparatus	
E2061 Guide for Fire Hazard Assessment of Rail Transportation Vehicles		
E2067 Standard Practice for Full-Scale Oxygen Consumption Calorimetry Fire Tests		
E2074 Standard Test Method for Fire Tests of Door Assemblies, Including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Door Assemblies <b>(Method Withdrawn)</b>	252 Fire Tests of Door Assemblies	10b Standard for Fire Tests of Door Assemblies and 10c Standard for Positive Pressure Fire Tests of Door Assemblies
E2102 Standard Test Method for Measurement of Mass Loss and Ignitability for Screening Purposes Using a Conical Radiant Heater		
E2187 Standard Test Method for Measuring the Ignition Strength of Cigarettes		
E2226 Standard Practice for Application of Hose Stream		
E2230 Standard Practice for Thermal Qualification of Type B Packages for Radioactive Material		

ASTM	NFPA	UL
E2231 Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics		
E2336 Standard Test for Fire Resistive Grease Ducts Enclosures		2221 Test for Fire Resistance of Grease Ducts Enclosure Assemblies
E2257 Standard Test Method for Room Fire Test of Wall and Ceiling Materials and Assemblies	286 Fire Tests for Room Corner Procedures 265 Fire Tests for Evaluating Room Fire Growth Contribution of Textile and Expanded Vinyl Wall Coverings	1715 Standard for Fire Test of Interior Finish Material
E2280 Standard Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities		
E2307 Test Method for Determining the Fire Endurance of Perimeter Fire Barrier Systems Using the Intermediate Scale Multi-Story Test Apparatus		
	259 Test Method for Potential Heat of Building Materials,	
	262 Test for Fire and Smoke Characteristics of Wires and Cables	910 Standard for Safety Test for Flame-Propagation and Smoke-Density Values for Electrical and Optical-Fiber Cables Used in Spaces Transporting Environmental Air <b>(Method Withdrawn)</b>
	268 Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source	
E1995 Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber, With the Test Specimen Oriented Horizontally	270 Determination of Specific Optical Density of Smoke	
	274 Evaluate Fire Performance Characteristics of Pipe Insulation	
	275 Standard Method of Fire Tests for the Evaluation of Thermal Barriers Used over Foam Plastic Insulation	
	276 Standard Method of Fire Tests for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-Deck Roofing Components	

ASTM	NFPA	UL
	288 Fire Tests of Floor Fire Door Assemblies	
	289 Room Fire Growth Contribution of Individual Fuel Packages	1975 Standard for Fire Tests for Foamed Plastics Used for Decorative Purposes
	290 Standard for Fire Testing of Passive Protection Materials for Use on LP-Gas Containers	
	701 Fire Tests for Flame-Resistant Textiles and Films	UL 214 Standard For Tests For Flame-Propagation of Fabrics And Films <b>(Method Withdrawn)</b>
	705 Field Flame Test for Textiles and Films	
E2652 Standard Test Method for Behavior of Materials in a Tube Furnace with a Cone-shaped Airflow Stabilizer, at 750°C		
D2859 Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials		
E2307 Standard Test Method for Determining Fire Resistance of Perimeter Fire Barrier Systems Using Intermediate-Scale, Multi-story Test Apparatus		
E2707 Standard Test Method for Determining Fire Penetration of Exterior Wall Assemblies Using a Direct Flame Impingement Exposure		
	NFPA 285 Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components	

## NFPA Fire Test Documents – Revision Cycles (7/10)

Document	Title	Current Edition	Revision Cycle	Revision Year	Notes (Rev Cycle)
276	Fire Test for Determining the Heat Release Rate of Combustible Building Assemblies or Above-Deck Roofing Components	Proposed	Fall 2009	2010	SC soliciting public input (Decision # 07-3-26) March 2007 - SC approved request to develop standard July 2007 Entered F2009 cycle - NITMAM 11/09
251	Fire Endurance of Building Construction and Materials	2006	Fall 2010	2011	Last cycle A2005 (5) Cycle changed from A2010 August 2008 - Proposed for withdrawal
253	Critical Radiant Flux of floor covering Systems Using a Radiant Heat Energy Source	2006	Fall 2010	2011	Last cycle A2005 (5) Cycle changed from A2010 August 2008
262	Flame Travel and Smoke of Wires and Cables for use in Air-Handling Spaces	2007	Fall 2010	2011	Last cycle A06 (4) Cycle changed from A2010 August 2008
265	Evaluating room fire Growth Contribution of Textile Coverings on full Height Panels and Walls (Textile Room-Corner)	2007	Fall 2010	2011	Last cycle A2006 (4) Cycle changed from A2010 August 2008
286	Evaluating contribution of Wall and Ceiling Interior Finish to Room Fire Growth	2006	Fall 2010	2011	Last cycle A2005 (5) Cycle changed from A2010 August 2008
285	Evaluation of Flammability Characteristics of Exterior Non-Load-Bearing Wall Assemblies containing Combustible Components Using the Intermediate-Scale, Multistory Test Apparatus	2006	Fall 2011	2012	Last cycle A2005 (5) Cycle changed from A2010 August 2008 - Request to withdraw from F2010 and submit ROC next available cycle 4/10. Cycle changed to F2011 7/10

Document	Title	Current Edition	Revision Cycle	Revision Year	Notes (Rev Cycle)
252	Fire Tests of Door Assemblies	2008	Fall 2011	2012	Last cycle A2007 (4) - Cycle changed from A2011 to F2011 8/09
257	Window and Glass Block Assemblies	2007	Fall 2011	2012	Last cycle A2006 (5) - Cycle changed from A2011 to F2011 8/09
268	Determining Ignitability of Exterior Wall Assemblies using a Radiant heat Energy Source (Exterior Walls – Radiant Heat Test)	2007	Fall 2011	2012	Last cycle A2006 (5) - Cycle changed from A2011 to F2011 8/09
269	Toxic Potency Data for Modeling	2007	Fall 2011	2012	Last cycle A2006. (5) - Cycle changed from A2011 to F2011 8/09
275	Evaluation of Thermal Barriers Used Over Foam Plastic	2009	Fall 2011	2012	Last cycle A2008 (3) - Cycle changed from A2011 to F2011 8/09
287	Measurement of Flammability of Materials in Cleanrooms Using a Fire Propagation Apparatus (FPA)	2007	Fall 2011	2012	Last cycle A06 (5) - Cycle changed from A2011 to F2011 8/09
288	Floor Fire Door Assemblies Installed Horizontally in Fire Resistance-Rated Floor Systems	2007	Fall 2011	2012	Last cycle A06 (5) - Cycle changed from A2011 to F2011 8/09
271	Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	2009	Fall 2011	2012	Last cycle F2008 (3)
259	Potential Heat of Building Materials	2008	Fall 2012	2013	Last cycle A2007 (5) -Changed from A2012 to F2012
270	Smoke Obscuration Using a conical Radiant Source in a Single Closed Chamber	2008	Fall 2012	2013	Last cycle A2007 (5) - Changed from A2012 to F2012
289	Room Fire Growth Contribution of Individual Fuel Packages	2009	Fall 2012	2013	Last cycle A2008 (4) - Changed from A2012to F2012

Document	Title	Current Edition	Revision Cycle	Revision Year	Notes (Rev Cycle)
260	Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture	2009	Fall 2012	2013	Last cycle A2008 (5) - Changed from A2013 to F2012
261	Determining Resistance of Mock-Up Upholstered Furniture material Assemblies to Ignition by Smoldering Cigarettes	2009	Fall 2012	2013	Last cycle A2008 (5) - Changed from A2013 to F2012
274	Method to Evaluate Fire Performance Characteristics of Pipe Insulation	2009	Fall 2012	2013	Last cycle A2008 (5) - Changed from A2013 to F2012
290	Passive Protection Materials for Use on LP-Gas Containers	2009	Fall 2012	2013	Last cycle A2008 (5) - Changed from A2013 to F2012
705	Field Flame Test for Textiles and Films	2009	Fall 2012	2013	Last cycle A2008 (5) - Changed from A2013 to F2012
701	Flame Propagation of Textiles and Films	2010	Fall 2014	2015	Last cycle F2009 (5)
255	Surface Burning Characteristics of Building Materials (Tunnel Test)	Withdrawn	N/A	N/A	Withdrawn F2009
256	Roof Coverings	Withdrawn	N/A		Withdrawn A2008
258	Smoke Generation of Solid Materials	Withdrawn	N/A		Withdrawn A2006
272	Heat and Visible Smoke Release Rates for Upholstered Furniture Components or Composites and Mattresses Using an Oxygen Consumption Calorimeter	Withdrawn	N/A		Withdrawn A2007