



**National Fire Protection Association**

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*Meeting Minutes*

**NFPA Technical Committee On  
Industrial, Storage and Miscellaneous Occupancies  
(BLD-IND & SAF-IND)**

November 9-11, 2004  
Doubletree Hotel – San Diego Mission Valley  
San Diego, CA

1. **Call to Order.** Chair Wayne Holmes called the meeting to order at 8:00 AM. The chair noted that in addition to the items on the Meeting Agenda, the committee would also consider items of the Supplemental Agenda Attachments.
2. **Introduction of members and guests.** Members and guests provided self-introductions.

The following technical committee members were present.

<b>NAME</b>	<b>COMPANY</b>
Wayne Holmes, Chair	HSB Professional Loss Control
Milosh Puchovsky Nonvoting Secretary	NFPA
John Alderman, Principal	RRS Engineering
Thomas Allison, Principal	Westinghouse Savannah River Co.
Donald Birchler, Principal	FP&C Consultants Inc.
Clarence (Dale) Eggen	US Department of Energy Fluor Federal Services
John Farney, Principal	Sargent & Lundy Engineers
Larry Fluor, Principal	Fluor, Incorporated Rep. Compressed Gas Association
Jonathan Humble, Principal	American Iron and Steel Institute
Ronald Keefer, Principal	Menlo Park Fire Protection District
Marshall Klein, Principal	Marshall A. Klein & Associates, Inc. Rep. Automotive Oil Change Association
Richard Kraus, Principal	Petroleum Safety Consultants

	Rep. American Petroleum Institute
Raymond Lonabaugh, Principal	National Fire Sprinkler Association
Patrick McLaughlin, Principal	McLaughlin & Associates Rep. Semiconductor Industry Association
Milton Norsworthy, Principal	Arch Chemicals, Incorporated
Anthony Ordile, Principal	Loss Control Associates, Inc. Rep. TC on Storage and Warehousing of Containers and Portable Tanks
Jeffrey Shapiro, Principal	International Code Consultants Rep. The Chlorine Institute
Stephen Skalko, Principal	Portland Cement Association
Bruce Swiecicki, Principal	National Propane Gas Association
David Tabar, Principal	The Sherwin-Williams Company
William Koffel (Alternate to P. McLaughlin)	Koffel Associates, Inc. Rep. Semiconductor Industry Association
Robert Wills (Alternate to J. Humble)	American Iron & Steel Institute

The following Technical Committee Principal Members were absent:

<b>NAME</b>	<b>COMPANY</b>
Raymond Arntson	Rayden Research LLC
Charles Doody, Principal	Canton Fire Department
Larry Garrett	Delphi Corporation
James Golinveaux (Alternate R. Huggins in attendance)	Tyco Fire & Building Products
Neal Krantz	LVC Technologies, Inc.
Phani Raj	Technology & Management Systems, Inc.
William Satterfield, Principal	Hydrogen Safety, LLC/Rode & Associates, LLC
Cleveland Skinker	Bechtel Power Corporation
Samuel Vanover	Jefferson Parish Fire Department
Carl Wren	Austin Fire Department

Guests in attendance during all or part of the meeting were:

<b>NAME</b>	<b>COMPANY</b>
Gregory Cahanin	Cahanin Fire & Code Consulting
David de Vries	Firetech Engineering Incorporated Rep. Escape Rescue Systems, Ltd.
Marcelo Hirschler	GBH International
Michael J. Laderoute	MJL Associates, Inc. / Fire Equipment

	Manufacturing Association
R. K. Lee	PPG Industries
Jake Pauls	Jake Pauls Consulting Services in Building Use and Safety
Larry Perry	BOMA International
Dale Thompson	National Cotton Council
Rick Thornberry	Code Consortium, Inc.

3. **Approval of Minutes.** The minutes of the 2-6 February 2004 meeting were approved without modification.
4. **Staff Update on Revision Cycle Schedule & Association Meeting Changes.** NFPA staff reviewed the revision cycle schedule for NFPA 101 and NFPA 5000 as indicated in Attachment C of the meeting agenda, and updated the committee on changes to NFPA's regulations governing committee projects.
5. **Status Report on High Rise Advisory Committee.** NFPA staff provided a status report on NFPA's High-Rise Building Safety Advisory Committee. The first meeting of this newly formed group is scheduled for December 14-15, 2004 in Boston, MA. The advisory committee officially reports to NFPA's Standards Council and is to serve as a resource to the Council, NFPA's Technical Committees and the public at large. The group is charged with identifying needs and emerging issues associated with high-rise buildings, and developing recommendations as to how NFPA can provide leadership on such issues. It is expected that the committee will review pertinent information about high rise buildings, such as the soon to be published NIST-WTC investigation report, and provide key input with regard to the development and revision of codes and standards, research initiatives and education and public awareness efforts. The group's purview includes subjects that directly relate to NFPA activities as well as those that are initiated by other groups. At times the committee may also receive specific directives from NFPA's Standards Council. BLD-IND will continue to maintain responsibility for chapter 11 of NFPA 101, Special Structures and High Rise Buildings, and chapter 33 of NFPA 5000, High Rise Buildings.
6. **Status Report on Terminology.** The committee reviewed information pertaining to terminology as indicated in Agenda Attachment D. Actions taken by the committee with regard to terminology will be documented in the 2005 Annual Association Technical Meeting Report on Comments (ROC) upon completion of balloting by the committee.
7. **Report of Open Parking Structures Task Group.** Jonathan Humble provided the status report of the task group. Actions taken by the committee with regard to parking structures will be documented in the June 2005 ROC upon completion of balloting by the committee.

8. **Status Report of Sacrificial Structures Task Group.** Dave Tabar provided that status report of the task group as indicated in Supplemental Agenda Attachment H. In addition the committee considered action by BLD-BLC with regard to frangible buildings as indicated in Supplemental Agenda Attachment I. Actions taken by the committee with regard to sacrificial structures and frangible buildings will be documented in the June 2005 ROC upon completion of balloting by the committee.
9. **Review Heights and Areas Task Group Report with Respect to High Hazard Contents.** The committee reviewed information pertaining to heights and areas and high hazard contents as indicated in Agenda Attachment E and Supplemental Agenda Attachment F. Actions taken by the committee with regard to heights and areas will be documented in the June 2005 ROC upon completion of balloting by the committee.
10. **NFPA 101 Chapter Drafts Showing ROP Changes.** NFPA staff informed the committee that a draft of chapters of NFPA 101 with proposed changes as documented in the Report on Proposals (ROP) was included as Agenda Attachment F for the committee's use.
11. **NFPA 101 Public Comments.** The committee acted on all public and committee comments for NFPA 101. Following the committee letter ballot, actions on the comments will be documented in the ROC.
12. **NFPA Draft Committee Comments.** The committee considered the draft committee comments as indicated in Agenda Attachment F. The committee agreed to process the draft comments as committee comments. Following the committee letter ballot, actions on the comments will be documented in the 2005 Annual Association Technical Meeting ROC.
13. **NFPA 5000 Public Comments.** The committee acted on all public and committee comments for NFPA 5000. Following the committee letter ballot, actions on the comments will be documented in the ROC.
14. **Other Business.**
  - a. **Committee Scope.** The committee instructed staff to notify the Building Code Technical Correlating Committee to revise the committee scope as indicated in item 16(e) of the February 2004 meeting minutes.
15. **Next Meeting.** The next meeting will likely be scheduled to address public proposals for the 2009 edition of NFPA 101 and NFPA 5000, which will occur in the Annual 2008 revision cycle. It is expected that the next meeting will occur in either December 2007 or January 2008.

16. **Adjournment.** Committee chair Holmes adjourned the meeting at 12:00 noon Thursday, November 11, 2004.

Minutes prepared by,

Milosh Puchovsky, P.E.  
Staff Liaison and non-voting secretary