



**National Fire Protection Association**

1 Batterymarch Park, Quincy, MA 02169-7471  
Phone: 617-770-3000 • Fax: 617-770-0700 • www.nfpa.org

**COMMITTEE ON HANDLING & CONVEYING  
DUSTS, VAPORS AND GASES**

TO: TECHNICAL COMMITTEE ON HANDLING & CONVEYING DUSTS,  
VAPORS AND GASES

FROM: G. R. Colonna, Staff Liaison

DATE: March 23, 2011

SUBJ: Minutes of NFPA 654 ROP Meeting, November 15 - 17, 2010 and February 1  
- 2, 2011

---

**I. Attendance: (February 1 - 2, 2011 meeting includes web and conference call participants)**

*Members and Alternates:*

Walter Frank, Committee Chair, Frank Risk Solutions, Inc., DE

Walter Beattie, AXA Matrix Risk Consultants, Inc., PA (2/1)

Brice Chastain, Georgia-Pacific, GA

John Cholin, J. M. Cholin Consultants Inc., NJ

Tony DiLucido, Zurich Risk Engineering Services, PA

Randall Dunlap, Georgia Gulf Sulfur, GA

Vahid Ebadat, Chilworth Technology Inc., NJ (2/1)

Henry Febo, Jr., FM Global, MA

Larry Floyd, Ciba Specialty Chemicals Corporation, AL

Henry Garzia, Kidde-Fenwal, Inc., MA

John Going, Fike Corporation, MO

Stephen Greeson, HSB Professional Loss Control, TX (2/1)

William Hamilton, U.S. Department of Labor - OSHA, D (2/1)

Paul F. Hart, XL Global Asset Protection Services, IL

Mark Holcomb, Kimberly-Clark Corporation, WI

David Kirby, Baker Engineering & Risk Consultants, WV

James Koch, The Dow Chemical Company, representing The American Chemistry Council, MI

Bruce McClelland, Fike Corporation, MO

Albert Ness, The Dow Chemical Company, PA (11/15)

Jack E. Osborn, Airdusco, Inc., TN

Samuel Rodgers, Honeywell Inc., VA

Mark Runyun, Marsh USA Inc., OR

Thomas Scherpa, The DuPont Company, Inc., NH

Thomas Slavin, Navistar Inc., representing American Foundry Society, Inc., IL

Bill Stevenson, CV Technology, Inc., FL  
Jeffrey Sutton, Global Risk Consultants Corporation, MN  
Tony Thomas, Flamex, Inc., NC  
Erdem Ural, Loss Prevention Science & Technologies, Inc., MA

Guy R. Colonna, NFPA, Staff Liaison

*Guests:*

Jason Blanco (11/15)  
Bob Benedetti, NFPA Staff (11/15)  
Bob Feldkamp (11/15)  
Marty Korecry (11/15)  
Niels Pedersen (11/15)  
Don Scarbrough (11/15)  
Bob Zalosh (11/15)

*[ROP meeting was continued from original date of 11/15 - 17 to a second meeting held 2/1 - 2, 2011; attendance is noted for both meetings - those only attending one meeting have date of meeting shown in ( ) following their name.]*

**II. Minutes of Meeting (November 15 - 17, 2010 part):**

1. The Chair called the meeting to order at 8:32 a.m., Monday, November 15, 2010. The Chair welcomed the members and guests and requested self-introductions.
2. The Chair noted that this revision of NFPA 654 would be a challenge given the action taken by the NFPA membership during the NITMAM process and discussion of outstanding issues during the Annual Technical Meeting this past June in Las Vegas. In addition to preparing the ROP, the Committee also should consider any further action regarding the proposed Tentative Interim Amendment (TIA) which was drafted following the August meeting of the Standards Council by work of a task group. The Chair deferred to the Staff Liaison to review the status of that TIA (processed as #1002).
3. The minutes of the previous meeting (NFPA 655 ROP meeting July 12 - 14, 2010) were approved as submitted.
4. Staff provided an update on the Committee membership, the status of the previously developed TIA for NFPA 654 (#1002), advisory service inquiries, and a review of the Annual 2012 revision schedule in which NFPA 654 has been entered. In addition, staff also highlighted the new standards development process changes that will be introduced as a pilot during 2011 and implemented officially at the start of 2012 for all documents entered into the F2013 revision cycle. Staff also noted one additional item for the agenda - due to questions regarding the applicability of NFPA 654 to powder coating operations, representatives from that industry and the NFPA 33, Spray Finishing Technical Committee requested the opportunity to address the Committee.

TIA #1002 was not considered by the Standards Council during its October 2010 meeting as the proposed TIA was withdrawn by the submitter as a result of questions raised by those submitting public comment during the balloting and comment period. After some brief discussion, the Committee affirmed that interest still existed on preparing a TIA to

address some of the issues that came out during the floor discussions in Las Vegas that contributed to the action by the membership to return the document to committee. Tom Scherpa and John Cholin both offered text from which the Committee could begin its discussion of a proposed TIA. Further discussion of the TIA activity is in agenda item 6.

5. Members of the Committee on Spray Finishing, responsible for NFPA 33, requested the opportunity to address the Committee on Handling and Conveying on the subject of applicability of NFPA 654 to powder coating operations. Don Scarbrough led the presentation of the issues before the Committee and concluded with a request that NFPA 654 consider including an exemption similar to that currently contained in the standard for several process specific applications, such as aerosols, covered by NFPA 30B. After some discussion by the HAP-AAA Committee, there seemed to be a consensus that exclusion would be appropriate since nothing in NFPA 654 was specifically applicable to powder coatings. The Committee approved a motion to create a Committee Proposal that exempts NFPA 33 operations from the scope of NFPA 654.

6. The Committee began work on reviewing and acting on all Public Proposals submitted (originally submitted in November 2008) for NFPA 654. As part of preparing its ROP, the Committee must complete action on the 57 Public Proposals. During this meeting, the Committee completed work on approximately 40 of the Public Proposals and also created 9 Committee Proposals.

The Committee was not able to complete action on all Public Proposals, so the ROP is not being processed at this time. The Committee scheduled a follow-up meeting to continue the ROP development.

7. The Committee considered the language presented by Tom Scherpa and John Cholin as a starting point for developing a new proposed TIA for NFPA 654. As part of the discussion, the Committee reviewed the basis for the 1/32" criteria currently found in NFPA 654 and the entrainment factor that would be applied where the dust layer only covers 5% of the building floor area. The Committee considered the issues from the membership discussion at the NFPA Annual Meeting and focused the TIA on just the key issues, which meant excluding the equations that were proposed for the A2010 edition revision of the standard but preserved the layer thickness criterion. The Committee's approach became an amalgamation of language proposed by Tom, John and some of the ROP content. John reworked the text overnight of the first day and returned to the Committee with text to review and discuss. The Committee approved a motion to process the proposed TIA to NFPA 654, paragraph 6.1 with annex material. Staff was directed to process the TIA and ready it for letter ballot of the Committee; the timing was reviewed to confirm that it could be completed in time to be considered during the March meeting of the NFPA Standards Council.

8. The Committee adjourned the November 15 - 17, 2010 meeting at 2:28 pm on Wednesday, November 17, 2010. The Committee scheduled the resumption of the ROP meeting for NFPA 654 to be held February 1 - 2, 2011 at NFPA Headquarters. At that time the agenda remains the completion of the Report on Proposals for NFPA 654.

9. The Committee reconvened on Tuesday, February 1, 2011 at NFPA at 8:30 am. Due to forecast for a significant snow storm affecting much of the middle Atlantic and Eastern Seaboard, a number of Committee members were unable to travel to this meeting.

However, their participation was maintained through the use of web conferencing and teleconference so some 27 members of the Committee were still able to participate in one or both days of the second part of the meeting. The Committee was able to complete all business associated with ROP preparation.

10. The Committee completed action on all Public Proposals (57 total) and developed approximately 30 additional Committee Proposals. The ROP ballot consists of 57 Public Proposals and 39 Committee Proposals for a total of 96 separate actions. The Committee approved a motion directing the Staff to prepare and distribute the NFPA 654 ROP letter ballot.

11. **Next Meeting.** The Committee's next meeting will be the NFPA 655 ROP meeting as that document is scheduled to be revised in the A2011 revision cycle. The meeting will be held March 29 - 30, 2011 in Baltimore, MD. In addition, during the November 15 - 17 meeting the Committee approved the NFPA 654 ROC meeting location and dates. The Committee proposed that the ROC meeting for NFPA 654 be held September 27 - 29, 2011 in Manchester, NH. Staff agreed to verify that adequate hotel properties existed in Manchester and to report back to the Committee. The Committee suggested Atlanta, GA as an alternative if Manchester does not work.

12. The ROP meeting (Part 2) for NFPA 654 was adjourned at 4:10 p.m., February 2, 2011.

Respectfully submitted,

G. R. Colonna, Staff Liaison