MEMORANDUM

TO: NFPA Technical Committee Aerosol Products

FROM: Joanne Goyette, Administrator, Technical Projects

DATE: July 17, 2012

SUBJECT: NFPA 30B Proposed Tentative Interim Amendment (TIA) No. 1059

The attached proposed Tentative Interim Amendment (TIA) is being submitted to you for letter ballot. This proposed TIA was submitted by D. Douglas Fratz and Robert L. Collette, and endorsed by David Fredrickson, John LeBlanc, and Peter Willse.

This proposed TIA will be published for public comment in the August 6, 2012 issue of NFPA News with a Public Comment Closing Date of September 14, 2012. Any public comments received will be circulated to the committee. The Standards Council will consider the issuance of this TIA at their October 29-30, 2012 meeting.

In addition to being balloted on the technical merits of the proposed TIA, the Committee is also being balloted on whether or not this matter is of an emergency nature. Please see Section 5 (copy enclosed) regarding the processing of TIAs from the NFPA Regulations Governing Committee Projects.

Please complete and return your ballot as soon as possible but no later than Tuesday, August 7, 2012. As noted on the ballot form, please return the ballot to Joanne Goyette either via e-mail to jgoyette@nfpa.org or via fax to 617-984-7110. You may also mail your ballot to the attention of Joanne Goyette at NFPA, 1 Batterymarch Park, Quincy, MA 02169.

Note: Please remember that the return of ballots and attendance at committee meetings are required in accordance with the NFPA Regulations Governing Committee Projects.

Attachments
TECHNICAL COMMITTEE LETTER BALLOT
PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1059
To Revise the Footnotes in Table F.1(a) of the 2011 Edition of NFPA 30B,
Code for the Manufacture and Storage of Aerosol Products

Question 1: I agree with the TECHNICAL MERITS of the Proposed TIA to revise the Footnotes in Table F.1(a).

__________ AGREE __________________ DISAGREE* ____________ ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position.

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

Question 2: I agree that the subject is of an EMERGENCY NATURE.

__________ AGREE __________________ DISAGREE* ____________ ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position.

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

________________________________
Signature

________________________________
Name (Please Print)

________________________________
Date

Please return the ballot on or before Tuesday, August 7, 2012.

PLEASE RETURN TO:
Joanne Goyette, Administrator, Technical Projects
NFPA
1 Batterymarch Park
Quincy, MA 02169

FAX: (617) 984-7110  E-mail: jgoyette@nfpa.org
1. Revise the Footnotes in Table F.1(a) as follows:

Replace the effective date of Footnote c with 12/31/2012.
Replace the effective date of Footnote d with 1/1/2013.

Submitter’s Substantiation: The revision of Table F.1a footnote c removing the exemption for materials having a flash point greater than 500 degrees F was based on results of a burn study by FM Global. This study was with a vegetable oil-based aerosol product. Many of these types of aerosol products contain a very high level of material with flashpoints exceeding 500 degrees F. The study showed that this product was not equivalent to a Level 1 aerosol. At the time the Committee was considering revision of Footnote c, it was also shown a test video of a fire test with a vegetable oil-based aerosol product using protection for Group A plastics. The video showed improvement over the first test, however, the results were not conclusive enough to support a recommendation that oil cooking sprays could be protected as Group A plastic.

The revision of the Footnote leaves the exact level of fire protection for vegetable oil-based aerosol products unanswered. The differences in fire protection required by Level 1 vs Level 2 or Level 3 are substantial. In the absence of more definitive data on these products, manufacturers and warehouse operators might be forced to provide the highest level of protection. In many cases, this could involve warehouse investment, at considerable cost, expand and upgrade existing storage facilities to accommodate segregation requirements, install new fire suppression equipment and other upgrades.

Emergency Nature: The revision of F.1(a) Footnote c to Footnote d leaves ambiguity to the level of protection needed for vegetable oil-based aerosol products. Burn tests submitted previously to the Committee provided evidence that these products do not behave like Level 1 aerosols, however, insufficient data is available to ascertain the actual level of protection required (e.g. Group A plastic, Level 2 aerosol or Level 3 aerosol). This uncertainty may unnecessarily force extensive and costly warehouse remodeling and upgrades to comply with the highest level of protection. It is conceivable that some warehouses may not have the resources, space, etc. to ensure these upgrades. The requested action will allow time for more comprehensive burn analysis of vegetable oil-based aerosol products to determine more precisely the appropriate level of protection needed for these products. This work is underway between manufacturers of vegetable oil-based aerosol products and FM Global.
Section 5 Tentative Interim Amendments.

5.1 Preliminary Determination of Compliance. A Tentative Interim Amendment (TIA) to any Document may be processed if the Council Secretary determines, after a preliminary review, and consultation with the appropriate Chair, that the Amendment appears to be of an emergency nature requiring prompt action and has the endorsement of at least two Members of the involved TC or TCC. If processed, the question of emergency nature shall be considered by the TC and TCC. The text of a proposed Tentative Interim Amendment may be processed as submitted or may be changed, but only with the approval of the submitter.

5.2 Evaluation of Emergency Nature. Determination of an emergency nature shall include but not be limited to one or more of the following factors:
(a) The document contains an error or an omission that was overlooked during a regular revision process.
(b) The document contains a conflict within the document or with another NFPA document.
(c) The proposed TIA intends to correct a previously unknown existing hazard.
(d) The proposed TIA intends to offer to the public a benefit that would lessen a recognized (known) hazard or ameliorate a continuing dangerous condition or situation.
(e) The proposed TIA intends to accomplish a recognition of an advance in the art of safeguarding property or life where an alternative method is not in current use or is unavailable to the public.
(f) The proposed TIA intends to correct a circumstance in which the revised document has resulted in an adverse impact on a product or method that was inadvertently overlooked in the total revision process, or was without adequate technical (safety) justification for the action.

5.3 Publication of Proposed Tentative Interim Amendment. A proposed Tentative Interim Amendment that meets the provisions of 5.1 shall be published by the Association in appropriate media with a notice that the proposed Tentative Interim Amendment has been forwarded to the responsible TC and TCC for processing and that anyone interested may comment on the proposed Tentative Interim Amendment within the time period established and published.

5.4 Technical Committee and Technical Correlating Committee Action. (a) The proposed Tentative Interim Amendment shall be submitted for ballot and comment of the TC in accordance with 3.3.4. The TC shall be separately balloted on both the technical merits of the amendment and whether the amendment involves an issue of an emergency nature. Such balloting shall be completed concurrently with the public review period. Any public comments inconsistent with the vote of any TC Member shall be circulated to the TC to allow votes to be changed. A recommendation for approval shall be established if three-fourths of the voting Members calculated in accordance with 3.3.4.5 have voted in favor of the Tentative Interim Amendment.
(b) The proposed Tentative Interim Amendment shall be submitted for ballot and comment of the TCC, if any, which shall make a recommendation to the Council with respect to the disposition of the Tentative Interim Amendment. The TCC shall be separately balloted on both the merits of the amendment (as it relates to the TCC authority and responsibilities in accordance with 3.4.2 and 3.4.3) and whether the amendment involves an issue of an emergency nature. Any public comments inconsistent with the vote of any TC or TCC Member shall be circulated to the 28 TCC to allow votes to be changed. A recommendation for approval shall be established if three-fourths of the voting Members calculated in accordance with 3.3.4.5 have voted in favor of the Tentative Interim Amendment.
(c) All public comments, ballots, and comments on ballot on the proposed Tentative Interim Amendment shall be summarized in a staff report and forwarded to the Council for action in accordance with 5.5.

5.5 Action of the Council. The Council shall review the material submitted in accordance with 5.4(c), together with the record on any Appeals (see 1.6, 1.6.1), and shall take one of the following actions:
(a) Issue the proposed Tentative Interim Amendment
(b) Issue the proposed Tentative Interim Amendment as amended by the Council
(c) Where acted on concurrently with the issuance of a new edition of the Document to which it relates, issue the Tentative Interim Amendment as part of the new edition;
(d) Reject the proposed Tentative Interim Amendment
(e) Return the proposed Tentative Interim Amendment to the TC with appropriate instruction
(f) Direct a different action

5.6 Effective Date of Amendment. Tentative Interim Amendments shall become effective 20 days after Council issuance unless the President determines, within his or her discretion, that the effective date shall be delayed pending the consideration of a Petition to the Board of Directors (see 1.7). The President may also, within his or her discretion, refer the matter of a delay in the effective date of the TIA to the Executive Committee of the Board of Directors or to the Board of Directors.

5.7 Publication of Amendment. The Association shall publish in one of its publications sent or accessible to all Members notice of the issuance of each Tentative Interim Amendment and may, as appropriate, issue a news release to applicable and interested technical journals. The notice and any news release shall indicate the tentative character of the Tentative Interim Amendment. In any subsequent distribution of the Document to which the Tentative Interim Amendment applies, the text of the Tentative Interim Amendment shall be included in a manner judged most feasible to accomplish the desired objectives.

5.8 Applicability. Tentative Interim Amendments shall apply to the document existing at the time of issuance. Tentative Interim Amendments issued after the proposal closing date shall also apply, where the text of the existing document remains unchanged, to the next edition of the Document. Tentative Interim Amendments issued concurrently with the issuance of a new edition shall apply to both the existing and new edition.

5.9 Subsequent Processing. TC responsible for the Document or part of the Document affected shall process the subject matter of any Tentative Interim Amendment as a proposal for the next edition of the Document (see 3.3).

5.10 Exception. When the Council authorizes other procedures for the processing and/or issuance of Tentative Interim Amendments, the provisions of this Section shall not apply.
Secretary, Standards Council
National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

TIA NFPA 30 B

I support the need for this, and believe that more data is needed to accurately
Classify and properly protect these products.

David L. Fredrickson
Fredrickson & Associates LLC

cc Martha Curtis
May 2, 2012

Secretary, Standards Council  
National Fire Protection Association  
1 Batterymarch Park  
Quincy, MA 02169-7471

Subject: TIA for NFPA 30B

To whom it may concern,

I am writing to state my support for the proposed TIA to NFPA 30B submitted by D. Douglas Fratz recommending a modification to footnotes c and d of Table F.1(a).

Regards,

John A. LeBlanc  
Assistant Vice President - Manager, Special Hazards  
FM Global – Engineering and Research  
Phone: (781) 255-4776  
Mobile (508) 935-9624  
E-Mail: john.leblanc@fmglobal.com

Cc: Martha Curtis, NFPA
Ms. Martha Curtis  
1 Batterymarch Park  
Quincy, MA  02269-9101  

April 25, 2012  

TIA for NFPA 30B  

Dear Martha  

I am writing endorsing the TIA to change Footnotes C and D to Table F.1(a), so that it can be processed through the Aerosol Technical Committee.  

If you have any questions please contact me.  

Regards,  

Peter J. Gore Willse, P.E., FSFPE  
VP – Director of Research  
XL GAPS