

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

MEMORANDUM

TO: NFPA Technical Correlating Committee on Automatic Sprinkler Systems
FROM: Jeanne Moreau
DATE: July 26, 2010
SUBJ: NFPA 13 Proposed TIA No. 1000 **Preliminary - FINAL TCC BALLOT RESULTS**

According to 5.4 in the NFPA Regs, the final results show this TIA **HAS NOT** achieved the $\frac{3}{4}$ majority vote needed on both Question 1 (**Correlation Issues**) and **HAS** on Question 2 (**Emergency Nature**).

20 Eligible to Vote
2 Not Returned (C. Schirmer and D. Stultz)

Correlation Issues:

1 Abstentions (L. Underwood)
8 Agree (K. Bell, L. Hilton w/comment)
9 Disagree (R. Fleming, S. Franson, M. Friedman, D. Fuller, R. Grill, A. Hoffman, R. Leavitt, J. O'Neill, W. Sheppard)

Emergency Nature:

1 Abstentions (L. Underwood)
16 Agree (K. Bell and R. Fleming w/comment)
1 Disagree (M. Friedman)

There are two criteria necessary to pass ballot [(1) affirmative $\frac{3}{4}$ vote and (2) simple majority].

- (1) The number of affirmative votes needed for the report to be published is **13**.
(20 eligible to vote - 2 not returned - 1 abstentions = $17 \times 0.75 = 12.75$)
- (2) In all cases, an affirmative vote of at least a simple majority of the total membership eligible to vote is required. This is the calculation for simple majority:
[20 eligible \div 2 = 10 + 1 = **(11)**]

Final ballot comments are attached for your review. Ballots received from alternate members are not included, unless the ballot from the principal member was not received.

Attachments: Ballots

Goyette, Joanne

From: Russ Fleming [fleming@nfsa.org]
Sent: Thursday, July 15, 2010 4:11 PM
To: Goyette, Joanne
Cc: 'Isman Kenneth'
Subject: RE: NFPA 13 Proposed TIA 1000 - Due Monday, July 19, 2010

Joanne:

My ballot is as follows on this proposed TIA:

✓ Correlation – Disagree. The total ban on antifreeze systems in dwelling units in NFPA 13 would cause a correlation problem within NFPA 13 where antifreeze would still be permitted in occupancies such as hospitals that are not considered dwelling units. It should also be noted that one of the three reported incidents of antifreeze ignition took place in a restaurant seating area, which would not be addressed by the TIA but is within the scope of NFPA 13, adding to the internal correlation problem. Furthermore, the total ban on antifreeze would affect all existing and potential antifreeze solutions, including non-combustible solutions. We should be encouraging the development of noncombustible and low combustibility alternatives, but this TIA would remove the incentive.

✓ Emergency Nature – Agree (some action on antifreeze needs to be taken).

✓ Russ Fleming

From: Goyette, Joanne [mailto:jgoyette@NFPA.org]
Sent: Thursday, July 15, 2010 10:50 AM
To: Moreau-Correia, Jeanne
Cc: Goyette, Joanne
Subject: FW: NFPA 13 Proposed TIA 1000 - Due Monday, July 19, 2010

TO: The Technical Correlating Committee on Automatic Sprinkler Systems

Dear Committee Members:

Attached is the Ballot Package for NFPA 13 Proposed TIA 1000. The due date for return of the ballot is **Monday, July 19, 2010**. Please fax your ballots to **617-984-7110** or email to jmoreaucorreia@nfsa.org

The ballot and supporting material has also been posted to the AUT-AAC Ecommittee web page under Ballot Information, TIA Ballots. Please note the TC Initial Ballot Package, Circulation, and Final Results have also been posted to your web page.

PLEASE NOTE: Click on the Heading "Ballot Information" first in order to view materials contained in the folder on the Ecommittee page.

Note: The return of ballots and attendance at Committee Meetings are required in accordance with the Regulations governing Committee Projects.

Thank you,

TECHNICAL CORRELATING COMMITTEE

LETTER BALLOT

PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000

Add new section 7.6.1 and renumber accordingly to the 2010 Editions of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

✓ AGREE DISAGREE* ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

This TIA does not correlate with TIA 998 which recently achieved the 3/4 majority vote and requires the use of factory premixed AF and limits the concentration of AF to 50% within dwelling unit areas of NFPA 13.

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

✓ AGREE DISAGREE* ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.

✓ Scott Franson
Signature
Scott Franson
Name (Please Print)
July 16, 2010
Date

Please return the ballot on or before **Monday, July 19, 2010**

PLEASE RETURN TO:

Jeanne Moreau

NFPA

1 Batterymarch Park

Quincy, MA 02169

FAX: (617) 984-7110

E-mail: jmoreaucorreia@nfpa.org

Goyette, Joanne

From: ✓ Michael Friedman [mikefriedman311@comcast.net]
Sent: Thursday, July 15, 2010 11:31 AM
To: Goyette, Joanne
Subject: RE: NFPA 13 Proposed TIA 1000 - Due Monday, July 19, 2010

Proposed TIA 1000

- ✓ Question 1 Disagree - Per Article 3.4.2 the TCC is resolving a conflict between those who propose language change for limiting concentration of pre-mixed antifreeze and those who want deletion of the antifreeze. "The TCC shall be responsible for resolving conflicts, achieving correlation among the recommendations of the TCs,"
- ✓ Question 2 Disagree – previously submitted Logs 996, 997 and 998 set the path forward while added testing is conducted.

From: Goyette, Joanne [mailto:jgoyette@NFPA.org]
Sent: Thursday, July 15, 2010 10:50 AM
To: Moreau-Correia, Jeanne
Cc: Goyette, Joanne
Subject: FW: NFPA 13 Proposed TIA 1000 - Due Monday, July 19, 2010

TO: The Technical Correlating Committee on Automatic Sprinkler Systems

Dear Committee Members:

Attached is the Ballot Package for NFPA 13 Proposed TIA 1000. The due date for return of the ballot is **Monday, July 19, 2010**. Please fax your ballots to **617-984-7110** or email to jmoreaucorreia@nfpa.org

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PLEASE NOTE: Click on the Heading "Ballot Information" first in order to view materials contained in the folder on the Ecommittee page.

Note: The return of ballots and attendance at Committee Meetings are required in accordance with the Regulations governing Committee Projects.

Thank you,

Jeanne Moreau
Technical Projects Supervisor
National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169
Ph: 617-984-7586
Fx: 617-984-7110

A17

TECHNICAL CORRELATING COMMITTEE

LETTER BALLOT

PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000

Add new section 7.6.1 and renumber accordingly to the 2010 Editions of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

_____ **AGREE** X **DISAGREE*** _____ **ABSTAIN***

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

There is a correlation issue between this TIA and TIA's 998,

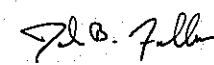
997, and 996.

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

 X **AGREE** _____ **DISAGREE*** _____ **ABSTAIN***

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.

 Digitally signed by fuller:
DN: dc=com, dc=fmglobal, dc=corp,
ou=CorpUsers, ou=Office, ou=Americas,
ou=Rsch, cn=fuller, email=david.
fuller@fmglobal.com
Date: 2010.07.23 15:57:28 -0400

Signature
David B. Fuller

Name (Please Print)
July 23, 2010

Date

Please return the ballot on or before **Monday, July 19, 2010**

PLEASE RETURN TO:

Jeanne Moreau
NFPA
1 Batterymarch Park
Quincy, MA 02169

FAX: (617) 984-7110

E-mail: jmoreaucorreia@nfpa.org

**TECHNICAL CORRELATING COMMITTEE
LETTER BALLOT**

PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000

Add new section 7.6.1 and renumber accordingly to the 2010 Editions of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

✓ **AGREE** X **DISAGREE*** **ABSTAIN***

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

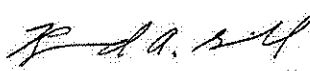
This TIA is in conflict with TIA 998 to NFPA 13.

✓ **Question 2:** I agree that the subject of this TIA is of an **EMERGENCY NATURE**.

 X **AGREE** **DISAGREE*** **ABSTAIN***

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.


Digitally signed by Raymond A. Grill
DN: cn=Raymond A. Grill, o=Arup, ou, email=ray.
grill@arup.com, c=US
Date: 2010.07.17 10:40:28 -04'00'

✓
Signature
Raymond A. Grill
Name (Please Print)
7/17/2010
Date

Please return the ballot on or before **Monday, July 19, 2010**

PLEASE RETURN TO:

Jeanne Moreau
NFPA
1 Batterymarch Park
Quincy, MA 02169

FAX: (617) 984-7110

E-mail: jmoreaucorreia@nfpa.org

Moreau-Correia, Jeanne

From: Aleksandar Hoffman [AHoffman@vikingfire.ca]
Sent: Thursday, July 22, 2010 1:00 PM
To: Moreau-Correia, Jeanne
Subject: RE: Circulation of Votes - NFPA 13 TIA 1000 - Due Friday, July 23, 2010
Attachments: image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg

Hello Jeanne,

I would like to change my votes on ballot 1000 as follows:

Correlation Issue - Disagree

Explanation:

Proposed TIA 1000 is in conflict with TIA 998, which has been endorsed by TCC and has achieved required majority vote by the NFPA 13 Technical Committee (AUT-SSI).

Please let me know if you need anything else from me regarding this vote.

Regards,

Alex Hoffman, P.Eng., Regional Manager
Viking Fire Protection Inc.
7885 North Fraser Way, Unit 140, Burnaby, BC, V5J 5M7
Tel: 604-324-7122
Fax: 604-324-8260

From: Moreau-Correia, Jeanne [mailto:jmoreau@NFPA.org]
Sent: Tuesday, July 20, 2010 1:04 PM
To: Walker, Nancy; Moreau-Correia, Jeanne
Subject: Circulation of Votes - NFPA 13 TIA 1000 - Due Friday, July 23, 2010

TO: The Technical Correlating Committee on Automatic Sprinkler Systems

Dear Committee Members:

Attached is the Circulation of Votes for the NFPA 13 Proposed TIA 1000 Ballot. If you wish to change your vote, changes are due back at NFPA by **Friday, July 23, 2010**. If you haven't yet returned a ballot, you may return your vote during the circulation period.

Please return your ballot by fax to **617-984-7110** or e-mail jmoreaucorreia@nfpa.org

Please remember that the return of ballots and attendance at Committee Meetings are required in accordance with the Regulations Governing Committee Projects.

Thank you,

Jeanne Moreau
Technical Projects Supervisor
National Fire Protection Association

TECHNICAL CORRELATING COMMITTEE

LETTER BALLOT

PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000

Add new section 7.6.1 and renumber accordingly to the 2010 Editions of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

✓ AGREE DISAGREE* ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

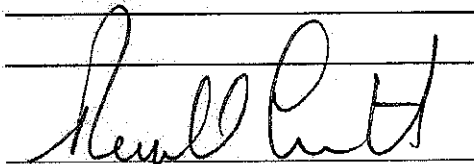
SEE ATTACHED

✓ **Question 2:** I agree that the subject of this TIA is of an **EMERGENCY NATURE**.

AGREE DISAGREE* ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.



Signature

RUSSELL LEAVITT

Name (Please Print)

110 JUL 2010

Date

Please return the ballot on or before **Monday, July 19, 2010**

PLEASE RETURN TO:

Jeanne Moreau

NFPA

1 Batterymarch Park

Quincy, MA 02169

FAX: (617) 984-7110

E-mail: jmoreaucorreia@nfpa.org

Comment for Negative (DISAGREE) Vote
Question 1: TIA Logs 994,995,996,997,998, and 1000

These proposals are related and cannot be incorporated independent of each other. Regardless of the final action on each, the requirement(s) regarding the use of antifreeze for residential occupancies must be correlated between NFPA 13, 13R, and 13D. At this time it appears that log 998 is the only proposal of the 6 related to this issue that has received the required votes to pass ballot for both technical merit and emergency nature. Log 998 for NFPA 13 cannot be instituted without a consensus on the issue between the three installation standards. In addition, we must not forget that the maintenance requirements found in NFPA 25 related to antifreeze systems must be addressed if any changes to 13 and 13R are approved.

**TECHNICAL CORRELATING COMMITTEE
LETTER BALLOT**

PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000

Add new section 7.6.1 and renumber accordingly to the 2010 Editions of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

_____ AGREE X DISAGREE* _____ ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

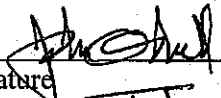
Does not correlate with TIA 998 which
achieved 3A majority vote.

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

 X AGREE _____ DISAGREE* _____ ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.


Signature

John O'Neill
Name (Please Print)

7-22-10
Date

Please return the ballot on or before **Monday, July 19, 2010**

PLEASE RETURN TO:

Jeanne Moreau
NFPA
1 Batterymarch Park
Quincy, MA 02169

FAX: (617) 984-7110

E-mail: jmoreaucorreia@nfpa.org

Moreau-Correia, Jeanne

From: Bill Sheppard [jw_sheppard@yahoo.com]
Sent: Friday, July 16, 2010 7:47 AM
To: Moreau-Correia, Jeanne
Subject: Re: NFPA 13 Proposed TIA 1000 - Due Monday, July 19, 2010

✓ Jeanne, with respect to NFPA 13 Proposed TIA 1000:

✓ 1-Disagree. The previously submitted TIAs 994 and 995 called for the elimination of the antifreeze solution, and in keeping with my ballot comments, I have stated that it is acceptable to use the 50% antifreeze solution limit until further research is complete. This same approach applies for TIA 1000.

✓ 2-Agree.

thanks,

✓ Bill Sheppard

**TECHNICAL CORRELATING COMMITTEE
LETTER BALLOT**

PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000

Add new section 7.6.1 and renumber accordingly to the 2010 Editions of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

_____ AGREE _____ DISAGREE* X ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

THIS PROPOSED TIA FAILED TO PASS IN COMMITTEE; BALLOTING
THE TOP IS A MOOT POINT.

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

_____ AGREE _____ DISAGREE* X ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.

SEE ABOVE

Lynn K Underwood
Signature
LYNN K UNDERWOOD
Name (Please Print)
7/16/10
Date

Please return the ballot on or before **Monday, July 19, 2010**

PLEASE RETURN TO:

Jeanne Moreau
NFPA
1 Batterymarch Park
Quincy, MA 02169

FAX: (617) 984-7110

E-mail: jmoreancorreia@nfpa.org

**TECHNICAL CORRELATING COMMITTEE LETTER BALLOT
PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000**

Add new section 7.6.1 and renumber accordingly to the 2010 Edition of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

✓ X AGREE DISAGREE* ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

From a correlation standpoint, we believe the restrictions regarding the use of antifreeze in dwelling units should be the same for NFPA 13D, NFPA 13R and 13 based upon information currently available.

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

✓ X AGREE DISAGREE* ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.

Immediate action needs to be taken to eliminate reference to antifreeze concentrations that have demonstrated the potential to ignite and create a large-scale spray type fire.

Kerry M. Bell

Signature

✓ Kerry M. Bell

Name (Please Print)

 7/14/10

Date

Please return the ballot on or before **Friday, July 16, 2010**

PLEASE RETURN TO:

Jeanne Moreau

NFPA

1 Batterymarch Park

Quincy, MA 02169 FAX: (617) 984-7110

E-mail: jmoreaucorreia@nfpa.org

TECHNICAL CORRELATING COMMITTEE

LETTER BALLOT

PROPOSED TENTATIVE INTERIM AMENDMENT LOG NO. 1000

Add new section 7.6.1 and renumber accordingly to the 2010 Editions of NFPA 13,
Standard for the Installation of Sprinkler Systems

Question 1: I agree that there are no correlation issues in accordance with 3.4.2 and 3.4.3 (copy enclosed) of the NFPA Regs.

✓ X AGREE _____ DISAGREE* _____ ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a disagreement or abstaining position. If disagreeing, cite relevant section(s)/paragraph(s) of the correlation issue and describe.

THERE IS NO CORRELATION ISSUE BECAUSE THIS
 WENT DOWN ON TECHNICAL MERIT WHEN IT WAS
 BALLOTTED IN THE SSI TC.

✓ **Question 2:** I agree that the subject of this TIA is of an EMERGENCY NATURE.

X AGREE _____ DISAGREE* _____ ABSTAIN*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative/disagreement or abstaining position.

LUKE HULTON

Signature

✓ [Signature]

Name (Please Print)

7/16/2010

Date

Please return the ballot on or before **Monday, July 19, 2010**

PLEASE RETURN TO:

Jeanne Moreau
NFPA
1 Batterymarch Park
Quincy, MA 02169

FAX: (617) 984-7110

E-mail: jmoreaucorreia@nfpa.org