



National Fire Protection Association

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MEMORANDUM

TO: NFPA Technical Correlating Committee on Fire and Emergency Services
Protective Clothing and Equipment

FROM: Stacey Van Zandt

DATE: October 20, 2010

SUBJECT: NFPA 1991 ROP TCC Letter Ballot (F2011)

In accordance with the NFPA Regulations Governing Committee Projects, attached is the Letter Ballot on the Report on Proposals (ROP) for the 2012 Edition of NFPA 1991. Also attached is a copy of the Proposals that have TCC Notes.

Please note the ballot has two parts:

Part 1 is a Letter Ballot on the Technical Correlating Committee Amendments to the ROP (TCC Notes), and not on the Proposals themselves. Reasons must accompany “Negative” and “Abstaining” votes.

Part 2 is an Informational Letter Ballot Authorizing the Release of the ROP.

Negative votes are limited to subjects within the purview of the TCC. Opposition on a strictly technical basis is not sufficient grounds for substantiating a negative vote. If you have correlation issues please identify and describe your concerns in the area of the ballot form for identification of correlation issues.

Please complete and return your ballot as soon as possible but no later than Thursday, November 4, 2010, 5:00 PM ET. As noted on the ballot form, please return the ballot to Stacey Van Zandt via e-mail to svanzandt@nfpa.org or via fax to 617-984-7056. You may also mail your ballot to the attention of Stacey Van Zandt at NFPA, 1 Batterymarch Park, Quincy, MA 02169.

The return of ballots is required by the Regulations Governing Committee Projects. As usual, nonvoting members (for example, the nonvoting technical committee chairs) need not return ballots.

Attachments: Ballot Form
NFPA 1991 Proposals that have TCC Notes

Technical Correlating Committee on Fire and Emergency Services Protective
Clothing and Equipment
Ballot on the NFPA 1991 Report on Proposals (F2011)

Part 1: Letter Ballot on the Technical Correlating Committee Amendments to the ROP (TCC Notes),
please record me as voting:

_____ AFFIRMATIVE _____ NEGATIVE* _____ ABSTAINING*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative or abstaining vote.

Part 2: Letter Ballot Authorizing the Release of the ROP (This is an Informational Letter Ballot only),
please record me as voting:

_____ AFFIRMATIVE _____ NEGATIVE* _____ ABSTAINING*

EXPLANATION OF VOTE - Please type or print your comments:

*An explanation must accompany a negative or abstaining vote.

For either Part 1 or Part 2, if you have correlating issues, please describe below (include
section/paragraph and the issue):

Signature

Name (Please Print)

Date

Please return the ballot as soon as possible but not later than Thursday, November 4, 2010.

PLEASE RETURN TO:

Stacey Van Zandt

NFPA, 1 Batterymarch Park, Quincy, MA 02169

FAX: 617-984-7056 /Email: svanzandt@nfpa.org

1991-17 Log #CP14 FAE-HAZ
(4.3.17)

Final Action: Accept

TCC Action: The TCC instructs the Technical Committee on Hazardous Materials Protective Clothing and Equipment to consider adding the text "During each inspection" to the beginning of the new Section 4.3.18. The TCC recognizes that there will be a new Section 4.3.18 to follow the existing Section 4.3.17.

Submitter: Technical Committee on Hazardous Materials Protective Clothing and Equipment,

Recommendation: Add new text to read as follows:

4.3.18 The certification organization shall ensure that the manufacturer tests each vapor protective suit element for gastight integrity as specified in Section 8.2, Gastight Integrity Test. Each suit element shall show an ending pressure of at least 1350 Pa (5.4 in) water gauge pressure. The date of the test shall be placed on the product label as specified in Section 5.1.1.8(5). Additionally, the manufacturer shall provide the result with each suit.

Substantiation: Based on revisions made to the Gas Integrity Test the technical committee felt it was important for this information to be provided to the end user.

Committee Meeting Action: Accept

Number Eligible to Vote: 28

Ballot Results: Affirmative: 24

Ballot Not Returned: 4 Kelly, B., Roberts, M., Thompson, D., Wisner, Jr., J.

Comment on Affirmative:

FITHIAN, W.: SEI Comment: The following changes should be implemented for clarification:

4.3.18 During each inspection, ~~the~~ certification organization...".

1991-58a Log #CP18 FAE-HAZ
(8.23.3.1, 8.23.4, 8.23.5)

Final Action: Accept

TCC Action: The TCC instructs the Technical Committee on Hazardous Materials Protective Clothing and Equipment to consider adding text as provided in the ROP ballot Affirmative with Comments by Corrado, Fithian and Kavelesky.

Submitter: Technical Committee on Hazardous Materials Protective Clothing and Equipment,

Recommendation: Revise text to read as follows:

~~8.23.3.1 Specimens shall be footwear heels and balls of soles~~ A minimum of three complete footwear items shall be tested.

~~8.23.3.2 At least three specimens of footwear heels and at least three specimens of ball of soles shall be tested.~~

~~8.23.4 Procedure. Slip resistance shall be performed in accordance with ASTM F 489, Standard Test Method for Static Coefficient of Friction of Shoe Sole and Heel Materials as Measured by the James Machine, for a dry condition SATRA TM144, Friction (Slip Resistance) of Footwear and Floorings, in the following configurations:~~

~~1.) Footwear shall be tested both in the flat and heel positions.~~

~~2.) Footwear shall be tested in the dry and wet conditions, with the wet condition consisting of distilled water with surfactant added to reach a .05% concentration.~~

~~3.) Footwear shall be tested on a quarry tile surface and on a stainless steel surface.~~

~~8.18.5 Report. The static coefficient of friction average of four readings obtained from each heel and each ball of sole shall be recorded and reported as the average of a total footwear sole under both dry and wet conditions of each specimen shall be recorded and reported.~~

Substantiation: The ASTM F489 has been withdrawn and is no longer supported by ASTM, so the SATRA method is being proposed.

Committee Meeting Action: Accept

Number Eligible to Vote: 28

Ballot Results: Affirmative: 24

Ballot Not Returned: 4 Kelly, B., Roberts, M., Thompson, D., Wisner, Jr., J.

Comment on Affirmative:

CORRADO, S.: SATRA TM144, *Friction (Slip Resistance) of Footwear and Floorings*, should be replaced with the consensus standard DIN EN ISO 13287, *Personal Protective Equipment - Footwear - Test Method for Slip Resistance*.

FITHIAN, W.: SEI Comments:

In order to be consistent with other NFPA Standards, there is a better alternative to the SATRA method. SEI is recommending the following changes to the proposed Slip Resistance Test.

KAVALESKY, P.: In order to be consistent with other NFPA Standards, there is a better alternative to the SATRA method. Intertek is recommending the following changes to the proposed Slip Resistance Test.

Revise the following text:

~~7.5.9 Footwear soles shall be tested for slip resistance as specified in Section 8.23, Slip Resistance Test, and shall have a static coefficient of friction of 0.75~~ 0.20 or greater.

~~8.23.1 Application. This test method shall apply to vapor-protective footwear element soles.~~

~~8.23.4 Procedure. Slip resistance shall be performed in accordance with ASTM F 489, in a dry condition DIN EN ISO 13287, Personal Protective Equipment - Footwear - Test Method for Slip Resistance, in the following configurations:~~

Add new text as follows:

a) Footwear shall be tested both in the flat and heel positions.

b) Footwear shall be tested in both the dry and wet conditions, with the wet condition consisting of distilled water with surfactant added to reach a 0.05% concentration.

c) Footwear shall be tested on both a quarry tile surface and on a stainless steel surface.

~~8.23.5 Report. The static coefficient of friction average of four readings obtained from each heel and ball of sole~~ all specimens for each configuration shall be recorded and reported as the average of a total footwear sole.

~~8.23.6 Interpretation. One or more footwear specimens failing this test. The average coefficient of friction for each configuration shall constitute failing be used to determine pass/fail performance.~~