



National Fire Protection Association

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MEMORANDUM

TO: NFPA Technical Committee on Private Water Supply Piping Systems (AUT-PRI)

FROM: Joanne Goyette

DATE: March 3, 2011

SUBJECT: NFPA 13 ROP TC Letter Ballot (A2012)

The ROP letter ballot for NFPA 13 is attached. The ballot is for formally voting on whether or not you concur with the committee's actions on the proposals. Reasons must accompany all negative and abstention ballots.

Please do not vote negatively because of editorial errors. However, please bring such errors to my attention for action.

Please complete and return your ballot as soon as possible but no later than **Tuesday, March 15, 2011**. 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.

The return of ballots is required by the Regulations Governing Committee Projects.

Attachments:

Proposals
Letter Ballot

13-363 Log #341 AUT-PRI
(10.1.3)

Final Action: Reject

Submitter: Kenneth E. Isman, National Fire Sprinkler Association, Inc.

Recommendation: Clarify the standards necessary to meet the coating and wrapping requirement.

Substantiation: The committee is not clear as to what extent of coating and wrapping is sufficient. Is there a standard on the subject that can be required?

Committee Meeting Action: Reject

Committee Statement: This material was extracted from NFPA 24 *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, which has responsibility for these requirements. NFPA 13 cannot modify these requirements. This proposal will be addressed in NFPA 24. See NFPA 24-26 (Log #CP4).

13-364 Log #366 AUT-PRI
(10.1.6.2)

Final Action: Reject

Submitter: Kenneth E. Isman, National Fire Sprinkler Association, Inc.

Recommendation: Revise text to read as follows:

10.1.6.2 Steel pipe utilized in fire department connections and protected in accordance with the requirements of Section 10.1.3 shall not be required to be internally lined.

Substantiation: This proposal clarifies that the lining being addressed is on the interior of the pipe. Some users of the standard have been incorrectly using this section to eliminate external coatings that are required by Section 10.1.3.

Committee Meeting Action: Reject

Committee Statement: This material was extracted from NFPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, which has responsibility for these requirements. NFPA 13 cannot modify these requirements. This proposal will be addressed in NFPA 24. See NFPA 24-28 (Log #CP6).

13-365 Log #342 AUT-PRI
(Figure 10.10.1)

Final Action: Reject

Submitter: Kenneth E. Isman, National Fire Sprinkler Association, Inc.

Recommendation: Add a section of the figure for the forward flow test of a backflow preventer.

Substantiation: Section 10.10.2.5.1 requires a forward flow test of the backflow preventer during the acceptance test. The proof that the test was run and the results need to be added to the test form.

Committee Meeting Action: Reject

Committee Statement: This material was extracted from NFPA 24 *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, which has responsibility for these requirements. NFPA 13 cannot modify these requirements. This proposal will be addressed in NFPA 24. See NFPA 24-35 (Log #CP5).

13-366 Log #423 AUT-PRI
(Figure 10.10.1)

Final Action: Reject

Submitter: Kenneth E. Isman, National Fire Sprinkler Association, Inc.

Recommendation: Revise the “Test Description” portion of the figure (5th major category down from the top) by deleting the second and third sentences for “Flushing” and replacing them with a new sentence, Flush at one of the flow rates as specified in section 10.10.2.1.3

The “Flushing” section would then read as follows:

Flushing: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow offs. Flush at one of the flow rates as specified in section 10.10.2.1.3.

Substantiation: As written, the Figure only recognizes two of the three methods for determining appropriate flow conditions for the flush test. Rather than list all of the appropriate methods, it might be easier just to reference them. Alternately, the committee could add a check box to the form asking if the flow was obtained by the system demand, the 10 ft/s velocity, or the maximum flow available.

This proposal was prepared on behalf of the NFSA Engineering and Standards Committee.

Committee Meeting Action: Reject

Committee Statement: This material was extracted from NFPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, which has responsibility for these requirements. NFPA 13 cannot modify these requirements. This proposal will be addressed in NFPA 24. See NFPA 24-36 (Log #CP7).

13-577 Log #144 AUT-PRI
(Table A.10.8.2(b))

Final Action: Reject

Submitter: Kenneth W. Wagoner, Parsley Consulting Engineers

Recommendation: Revise text to read as follows:

Example. Using Table A.10.8.2(~~c~~) (b), find the horizontal bearing block area for a 6 in. diameter, 45 degree bend with an internal pressure of 150 psi. The soil bearing strength is 3,000 lb/ft², and the safety factor is 1.5. From Table A.10.8.2(~~c~~) (b), the required bearing block area for a 6 in. diameter, 90 degree bend with an internal pressure of 100 psi and a soil horizontal bearing strength of 1,000 psi is 7.9 ft².

Substantiation: Table being referenced should be Table (b), as Table (c) does not provide horizontal bearing block area.

Committee Meeting Action: Reject

Committee Statement: This material was extracted from NFPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, which has responsibility for these requirements. NFPA 13 cannot modify these requirements. This proposal will be addressed in NFPA 24. See NFPA 24-45 (Log #CP3).