



NATIONAL FIRE PROTECTION ASSOCIATION

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MEMORANDUM

TO: Technical Committee on Single and Multiple Station Alarms and Household Fire Alarm Systems

FROM: Jenny Depew, *Committee Administrator*

DATE: May 10, 2021

SUBJECT: NFPA 72® Proposed TIA No. 1568 **FINAL TC BALLOT RESULTS**

No public comments were received on this TIA, therefore, according to 5.6(a) in the NFPA *Regs*, the final results show this TIA **HAS** achieved the ¾ majority vote needed on both Ballot Item No. 1 (**Technical Merit**) and Ballot Item No. 2 (**Emergency Nature**).

21 Eligible to Vote
5 Not Returned (*Aron, Dedear, McBride, Mniszewski, Rader*)

Technical Merit:

0 Abstentions
16 Agree (*w/comment: Olenick*)
0 Disagree

Emergency Nature:

0 Abstentions
16 Agree
0 Disagree

There are two criteria necessary to pass ballot [(1) simple majority (2) affirmative ¾ vote]. Both questions must pass ballot in order to recommend that the Standards Council issue this TIA.

(1) In all cases, an affirmative vote of at least a simple majority of the total membership eligible to vote is required.

$$[21 \text{ eligible} \div 2 = 10.5 = \mathbf{(11)}]$$

(2) The number of affirmative votes needed to satisfy the ¾ requirement is **12**.

$$(21 \text{ eligible to vote} - 5 \text{ not returned} - 0 \text{ abstentions} = 16 \times 0.75 = 12)$$

Ballot comments are attached for your review.

The *Regs* at 1.6.2.(c) state: An appeal relating to a proposed Tentative Interim Amendment that has been submitted for processing pursuant to Section 5.2 shall be filed no later than 5 days after the notice of the TIA final ballot results are published in accordance with 4.2.6.

Appeal Closing Date for this TIA is **May 15, 2021**.

NFPA 72®-Proposed 2022 Edition
National Fire Alarm and Signaling Code®

TIA Log No.: 1568

Reference: 29.11.3.4 items (4)(a), (4)(b), (5)(a), and (5)(b)

Comment Closing Date: April 28, 2021

Submitter: Dave Christian, Gentex Corporation

www.nfpa.org/72next

1. Revise 29.11.3.4 items (4)(a), (4)(b), (5)(a) and (5)(b) to read as follows:

29.11.3.4 Specific Location Requirements. The installation of smoke alarms and smoke detectors shall comply with the following requirements:

(1) ...

(4)* Smoke alarms and smoke detectors shall not be installed between 10 ft (3.0 m) and 20 ft (6.1 m) along a horizontal flow path from a stationary or fixed cooking appliance unless the devices comply with the following:

(a) Prior to ~~May 1, 2022~~, January 1, 2023, smoke alarms and smoke detectors shall be equipped with an alarm silencing means, use photoelectric detection, or be listed for resistance to common nuisance sources from cooking in accordance with the 8th edition of UL 217, *Smoke Alarms*, the 7th edition of UL 268, *Smoke Detectors for Fire Alarm Systems*, or subsequent editions.

(b) Effective ~~May 1, 2022~~, January 1, 2023, smoke alarms and smoke detectors shall be listed for resistance to common nuisance sources from cooking in accordance with the 8th edition of UL 217, the 7th edition of UL 268, or subsequent editions.

(5) Smoke alarms and smoke detectors shall not be installed within an area of exclusion determined by a 10 ft (3.0 m) radial distance along a horizontal flow path from a stationary or fixed cooking appliance. When the 10 ft (3.0 m) area of exclusion would prohibit the placement of a smoke alarm or smoke detector required by other sections of this Code, and when the kitchen or cooking area and adjacent spaces have no clear interior partitions or headers, smoke alarms or smoke detectors shall be permitted for installation at a radial distance between 6 ft (1.8 m) and 10 ft (3.0 m) from any stationary or fixed cooking appliance unless the devices comply with the following:

(a) Prior to ~~May 1, 2022~~, January 1, 2023, the devices shall use photoelectric detection or be listed for resistance to common nuisance sources from cooking in accordance with the 8th edition of UL 217, the 7th edition of UL 268, or subsequent editions.

(b) Effective ~~May 1, 2022~~, January 1, 2023, the devices shall be listed for resistance to common nuisance sources from cooking nuisance alarms in accordance with the 8th edition of UL 217, the 7th edition of UL 268, or subsequent editions.

(6)*...

Substantiation: Underwriters Laboratories has moved the UL217 and UL268 effective dates to June 30, 2022. This creates a conflict in the 2022 Draft edition of NFPA 72 Chapter 29 installation requirements. The current installation date is May 1, 2022. This date must now be adjusted to reflect the change in the effective date of the listing standard to allow manufacturers to meet the new listing requirements and provide product to the marketplace.

Emergency Nature: The NFPA Standard contains a conflict within the NFPA Standard or within another NFPA Standard. 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.

The current situation presented by the COVID pandemic is causing significant delays in getting products through the UL listing process. If the date remains as currently drafted, it will conflict with the new UL compliance date. Due to this fact there will not be sufficient product in the marketplace to support the current date.



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TENTATIVE INTERIM AMENDMENT BALLOT EMERGENCY NATURE SELECTION OF RESPONSES

- A.** The standard contains an error or an omission that was overlooked during the regular revision process.
- B.** The NFPA Standard contains a conflict within the NFPA Standard or with another NFPA Standard.
- 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 NFPA Standard 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.

Technical Committee on Single and Multiple Station Alarms and Household Fire Alarm Systems

NFPA 72, TIA LOG NO. 1568

FINAL RESULTS REPORT

Election:72_2019_SIG_HOU_Log1568_tiaballot

QUESTION NO. 1: I AGREE with the TECHNICAL MERITS of the Proposed TIA Log No. 1568 to revise section 29.11.3.4 items (4)(a), (4)(b), (5)(a) and (5)(b) of the Proposed 2022 edition of NFPA 72.

Eligible to Vote: 21

Not Returned : 5

Aron, Dedear, McBride, Mniszewski, Rader

Vote Selection	Votes	Comments
Agree	16	
Wendy B. Gifford		Agree
Stephen M. Olenick		I agree with this though I will note UL is saying they are only changing the 217 date, not the 268 date. See https://www.ul.com/news/news-brief-ul-extends-effective-date-smoke-alarm-and-smoke-detector-manufacturers#:~:text=23%2C%202020%2C%20announcing%20the%20effective,%2C%20to%20June%2030%2C%202022.&text=The%20decision%20to%20extend%20the,of%20the%20COVID%2D19%20pandemic.
Daniel T. Gottuk		Agree
Cory Ogle		agree
Larry Ratzlaff		C
George Bish		Agree
John L. Parssinen		Agree
John D. Sorrell		Agree
David E. Christian		Agree
Robert A. Schmidt		Agree
Richard M. Simpson		agree with the recommended change
Eric Sacco		Agree
Thomas G. Cleary		agree
Jeffrey L. Okun		AGREE
Paul Murphy		Agree
Greg L. Hansen		Agree

Disagree	0	
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Abstain	0	
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QUESTION NO. 2: I AGREE that the subject is of an EMERGENCY NATURE for one or more of the reasons noted in the Instructions box.

Eligible to Vote: 21

Not Returned : 5

Aron, Dedear, McBride, Mniszewski, Rader

Vote Selection	Votes	Comments
Agree	16	
Wendy B. Gifford		A
Stephen M. Olenick		E
Daniel T. Gottuk		B
Cory Ogle		C. The proposed TIA intends to correct a previously unknown existing hazard.
Larry Ratzlaff		C
George Bish		Agree
John L. Parssinen		B
John D. Sorrell		A
David E. Christian		B
Robert A. Schmidt		E
Richard M. Simpson		Agree with the recommended change
Eric Sacco		B. The NFPA Standard contains a conflict within the NFPA Standard or with another NFPA Standard.
Thomas G. Cleary		B
Jeffrey L. Okun		AGREE and B
Paul Murphy		Agree
Greg L. Hansen		A. The standard contains an error or an omission that was overlooked during the regular revision process.

Disagree	0	
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Abstain	0	
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