

Subject 268A

1655 Scott Blvd.
Santa Clara, CA 95050
May 15, 2001

**TO: Electrical Council of Underwriters Laboratories,
Fire Council Council of Underwriters Laboratories,
Subscribers to UL's Standards Service for
Smoke Detectors for Duct Application**

**SUBJECT: Request for Comments on Proposed Requirements for the Third Edition of the
Standard for Smoke Detectors for Duct Application, UL 268A;
PROPOSED EFFECTIVE DATE**

SUMMARY OF TOPICS

This bulletin proposes the following changes in requirements:

- 1. Updating of NFPA References in 1.1 and Section 56;***
- 2. Clarification of Scope in 1.1 and 1.4;***
- 3. Clarification of Definitions in 3.5 and 3.7 and Addition of New Definitions; and***
- 4. Editorial Revision changing the term "supervised" to "monitored" in Sections 3 and 27.***

COMMENTS DUE: JUNE 26, 2001

Attached as Appendix A for your review and comment are proposed requirements for UL 268A. Questions regarding interpretation of requirements should be directed to the responsible UL Staff. Please see Appendix B of this bulletin regarding designated responsibility for the subject product category.

Please note that proposed requirements are of a tentative and early nature and are for review and comment only. Current requirements are to be used to judge a product until these requirements are published in final form.

PRODUCTS AND INDUSTRIES AFFECTED BY THE PROPOSAL

UL requests your assistance in identifying other products or industries that might be affected by the requirements contained in this bulletin. UL suggests that all suppliers or customers for these products and industries be made aware of these requirements prior to their proposed effective date. Also, please forward your suggestions to UL so that these products and industries may be identified in future bulletins.

PROPOSED EFFECTIVE DATE

These proposed requirements will not necessitate a review or additional testing of currently Listed or Recognized products. Therefore, UL proposes that the new requirements become effective upon publication.

REQUESTS FOR COMMENTS ON PROPOSALS

Please provide the following:

1. Your comments concerning the proposed requirements; and
2. Your comments concerning the proposed effective date, should the proposals be adopted.

Comments should be made in writing and may be sent by fax to (408) 556-6045 or by mail to the attention of Kristin Andrews at UL's Santa Clara office. Comments may also be sent via E-mail to Kristin.L.Andrews@us.ul.com. Please reference all correspondence to Subject 268A.

All comments should be sent by June 26, 2001.

Unless specifically requested to do so, UL will not acknowledge comments indicating concurrence with these proposals.

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APPENDIX A**PROPOSED REQUIREMENTS AND PROPOSED EFFECTIVE DATE FOR THE THIRD EDITION OF THE STANDARD FOR SMOKE DETECTORS FOR DUCT APPLICATIONS, UL 268A**

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~. In the case of extensively revised paragraphs, the original text is identified by (CURRENT) and is ~~lined-out~~, followed by the proposed text identified by (PROPOSED).

1. UPDATING OF NFPA REFERENCES**RATIONALE**

It has come to the attention of Underwriters Laboratories that the current references to NFPA 72E are obsolete and need to be revised. UL is proposing, therefore, to update the references from NFPA 72E to NFPA 72 in paragraphs 1.1, 56.1 and 56.6. Note that the proposal for paragraph 1.1 includes the text for item 2, below.

IMPACT

Because these suggested revisions are editorial in nature there will be no review or retest of currently Listed or Recognized products should these proposals be adopted.

PROPOSALS

1.1 These requirements cover air duct smoke detectors intended for indoor use within or protruding into a duct, or mounted in a housing with sampling tubes extending into or traversing a duct. Air duct smoke detectors are intended to be installed in ducts where the maximum air temperature inside the duct does not exceed 100°F (38°C), nor does the minimum temperature become less than 32° F (0°C), in accordance with the Standard for Automatic Fire Detectors, ~~NFPA 72E~~ NFPA 72, and the Standard for the Installation of Air Conditioning and Ventilating Systems, NFPA 90A.

1.1 Revised Date of Publication

56.1 A Technical Bulletin available for each installation shall be provided by the manufacturer and shall be used as a reference by the installer. The Bulletin shall include reference to the Standard for Automatic Fire Detectors, ~~NFPA 72E~~ NFPA 72, and the Standard for Installation of Air Conditioning and Ventilating Systems, NFPA 90A, for the installation of detectors. The bulletin shall include guidelines in accordance with ~~NFPA 72E~~ NFPA 72 and NFPA 90A on detector installation, maintenance, servicing tests, and similar topics, under various environmental conditions and physical configurations.

56.1 Revised Date of Publication

56.6 The Technical Bulletin shall not include information, other than specified in 56.1, such as manufacturer's claims for the operation of the detector that have not been substantiated by the performance tests included in this standard, or that are not covered in the Standard for Automatic Fire Detectors, ~~NFPA 72E~~ NFPA 72, or other applicable NFPA Standards.

56.6 Revised Date of Publication