

Subject 268A

May 23, 2008

SUMMARY OF TOPICS

The following changes in requirements are being proposed:

1. Revision to Alarm Indication Requirements

STP BALLOTS DUE: JUNE 23, 2008

COMMENTS DUE: JUNE 23, 2008

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Revision to Alarm Indication Requirements

RATIONALE

Proposal submitted by: John Parssinen, Underwriters Laboratories

The alarm indication requirements of UL 268A should be consistent with those in UL 268 since the detectors are typically used for similar alarm initiating purposes. The current differences between the requirements in the two standards have the potential to cause confusion among users of these products. The proposed revisions bring the UL 268A requirements into line with those of UL 268.

PROPOSAL

15 Lampholders and Lamps

15.1 An air duct smoke detector intended to be connected to a commercial alternating current power source shall be provided with a "power on" lamp to indicate energization of the unit.

15.2 Lampholders and lamps shall be rated for the circuit in which they are employed.

15.3 A lampholder employing a metal shell, such as a screw shell, and used in a line-voltage circuit, shall be wired so that the metal shell is connected to a grounded circuit conductor. When more than one lampholder of this type is provided, the metal shells of all such lampholders shall be connected to the same conductor.

15.4 A lampholder shall be installed so as to reduce the risk of uninsulated line-voltage live parts being contacted by a person removing or replacing lamps.

15.5 When more than one lamp is provided on the detector, a "power-on" lamp shall be white or green, an alarm-indicating lamp shall be red, and a trouble lamp shall be amber or yellow. Other colors for the "power-on" lamp shall be used only when the lamp is marked to identify the function. ~~of a different color only when marked to identify its function.~~

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15.6 When two or more color indications are used to visually annunciate detector status, one color must be designated for normal indication and mode of operation. If the color for normal operation is other than white or green, the lamp shall be marked to identify the function. An alarm indication must be red. Use of alternative colors or indication flash rates for non-alarm conditions shall not be prohibited.

15.7 A lamp or equivalent means shall be provided on a duct housing to identify it as the unit from which the alarm was initiated.

15.8 An air duct smoke detector accessory that indicates the "power on", alarm or other status of a specific unit, shall be an acceptable equivalent means to meet the requirements of this section.

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