

Subject 2075

November 3, 2017

SUMMARY OF TOPICS

The following topics for the Standard for Safety for Gas and Vapor Detectors and Sensors, UL 2075, are being recirculated:

1. End-of-Life Requirements

COMMENTS DUE: December 4, 2017

For your convenience in review, proposed additions to the previously proposed requirements dated 2017-09-01 are shown underlined and proposed deletions are shown ~~lined-out~~.

1. End-of-Life Requirements

RATIONALE

Responses to comments have been posted within the 2075 Proposal Review Work Area dated 2017-09-01.

PROPOSAL

17.6.3 In addition to the requirements outlined in 17.6.2 a), two detectors employing a replaceable battery or batteries shall be subject to the following requirements in the following order:

- a) ~~The end-of-life signal on a detector shall be reset only once, as based on the manufacturer's recommendations.~~ The alarm shall be configured to signal its end of life. The alarm shall then be reset once (if the alarm is capable of resetting the end-of-life signal).
- b) If powered by AC mains or DC mains the primary power shall first be disconnect prior to removing and installing the replacement battery.
- c) The installed battery (original) shall be replaced with a new battery.
- d) The new battery shall not be replaced within 15 minutes from removing the original battery. Manufacturer must provide detailed information that outlines the minimum amount of time needed to ensure that the residual power on the alarm has been depleted.
- e) After replacing the battery, the timer for the end-of-life signal shall not reset, and the timer ~~must~~ shall continue from the cumulated end-of-life time which the battery was removed. ~~The timer shall not be able to be reset after 30 days from the original battery end-of-life signal.~~
- f) Paragraphs a), b) and c) shall be re-conducted but with the battery replaced one day prior to the maximum end-of-life time period. A second detector may be used for this requirement.

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