

Subject 60079-18

April 6, 2018

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m", UL 60079-18, are being proposed:

1. Revisions to 9.2

2. Addition of New Annex C

STP BALLOTS AND ALL COMMENTS DUE: MAY 7, 2018

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

1. Revisions to 9.2

RATIONALE

Proposal submitted by: Paul T. Kelly, UL LLC

Regarding the current Fourth Edition of UL 60079-18, revise the first paragraph of 9.2 to reflect the Amendment 1 revision to IEC 60079-18 that resulted in a new Edition 4.1. This proposed revision to UL 60079-18 is not a US National difference, and should not result in a change in Edition number.

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PROPOSAL

9.2 Dielectric strength test

For circuits, which are accessible from the exterior the dielectric strength test shall be used to test the isolation of circuits from each other and from their environment. The test shall be carried out on these circuits in accordance with 8.2.4. Alternatively, the test method given in Annex C may be used for the test between each circuit and the surface of the compound or the non-metallic enclosure.

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2. Addition of New Annex C

RATIONALE

Proposal submitted by: Paul T. Kelly, UL LLC

Regarding the current Fourth Edition of UL 60079-18, add a new Annex C to reflect the Amendment 1 addition to IEC 60079-18 that resulted in a new Edition 4.1. This proposed addition to UL 60079-18 is not a US National difference, and should not result in a change in Edition number.

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PROPOSAL