

Subject 242

September 21, 2018

SUMMARY OF TOPICS

The following change in requirements to the Standard for Nonmetallic Containers for Waste Paper, UL 242, is being proposed:

1. Replacing carbon paper with shredded newspaper for the Internal Fire Test

STP BALLOTS AND ALL COMMENTS DUE: October 22, 2018

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

1. Replacing carbon paper with shredded newspaper for the Internal Fire Test

RATIONALE

Proposal submitted by: Bruce Bohren – UL, LLC

UL 242 current specifies the use of carbon paper for the Internal Fire Test. Carbon Paper is rarely used by schools and businesses currently. It is to the point that it is difficult to obtain it for testing purposes. We are proposing to replace carbon paper with shredded newspaper, which is the material currently used in the Standard for Metal Waste Paper Containers, UL 1315, for the Fire Test.

PROPOSAL

PERFORMANCE

6 Internal Fire Test

6.5 The fourth container is to be completely filled with new, empty, plastic-coated paper milk cartons, of the 1/2 pint (1.4 0.24 L) size, and ~~wrinkled sheets of carbon paper weighing 2.35 ± 0.1 grams per 8.5 × 11 inch sheet~~ shredded newspaper. The width of the strips of newspaper shall be 0.20 ± 0.10 inch (5.1 ± 2.5 mm). The shredded paper, when in place in the container, is to have a bulk density of 5.1 oz/ft³ (5.16 kg/m³). The container is to be filled by alternating layers of milk cartons and layers of ~~carbon paper~~ shredded newspaper with an overall ratio of one sheet layer of ~~carbon paper~~ shredded newspaper per each milk carton until level with the top edge of the container and with a resulting density of 0.29 ± 0.05 grams per cubic inches 0.010 ± 0.0017 oz/in³ (17.68 ± 3.05 oz/ft³, 17.70 ± 3.05 kg/m³). The tops of the milk cartons are to be flattened to make a cube shape.

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