

Subject 312

February 2, 2018

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Safety for Check Valves for Fire-Protection Service, UL 312, are being proposed:

1. Marking Height Requirements

STP BALLOTS AND ALL COMMENTS DUE: March 5, 2018

UL's goal is to have no interest category comprise more than one-third of the STP membership balance. To improve the current balance for STP 260, UL is looking for participants in the Commercial / Industrial Users, Government, Supply Chain, Consumer, Testing & Standards Org interest categories. Definitions for these interest categories are available on the Standards STP Internet site:

<http://ulstandards.ul.com/develop-standards/participation/interest-categories/>

If you are interested in applying for STP 260 membership or are aware of potential candidates for this STP, please contact the STP Project Manager, griff.edwards@ul.com.

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

1. Marking Height Requirements

RATIONALE

Proposal submitted by: John Stempo, Victaulic Co.

As a manufacturer with certifications in multiple valve categories, over the years we have identified differences in the allowable marking sizes in multiple UL standards (UL 262, UL 260, UL 193, UL 1091, and UL 312), which we believe unnecessarily increases the complexity of managing multiple product nameplate and marking designs across these many categories. As such, we believe that it is important and worthwhile to work towards harmonizing these marking requirements and consider all existing UL valve standards in the process. Therefore, we would recommend that since UL 1091 permits a minimum height of 3/32" (2.4mm) characters when using an etched or stamped metal nameplate, this should become the minimum allowable standard throughout all UL fire protection valve standards. In the near future, additional proposals will be made to the other respective standards in this regard.

PROPOSAL

25.2 The markings specified in 25.1 (a) – (e) and (g) shall be included on the body or cover casting using one of the following methods:

- a) Cast letters and figures at least 3/8 inch (9.5 mm) high and raised at least 0.030 inch (0.8 mm) above or recessed at least 0.050 inch (1.3 mm) below the surface of the body or cover.

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b) Placed on an etched or stamped corrosion resistant metal nameplate permanently mounted on the valve body or cover plate using letters at least ~~3/16 inch (4.8 mm)~~ 3/32 inch (2.4 mm) high and at least 0.005 inch (0.13 mm) deep.

Exception: The marking specified in 25.1(e) may be stamped on a flat space provided for the purpose in lieu of the marking methods specified in 25.2 (a) and (b). The letter height shall be as specified in 25.2(a).

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