

Subject 180

March 10, 2017

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Liquid-Level Gauges for Oil Burner Fuels and Other Combustible Liquids, UL 180, are being proposed:

- 1. Revision to scope to increase tank capacity***
- 2. Revision to scope to add NFPA 110 reference***

STP BALLOTS AND ALL COMMENTS DUE: April 24, 2017

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

1. Revision to scope to increase tank capacity

RATIONALE

Proposal submitted by: Roland Riegel, Underwriters Laboratories, LLC

The required use of liquid level gauges in combustible liquid tanks should reflect the increased capacities typically allowed in these applications.

PROPOSAL

1 Scope

1.1 These requirements cover the construction and performance requirements of mechanical and electrical liquid-level gauges for use on vented atmospheric tanks intended primarily for the storage and supply of heating fuel for oil burning equipment, or alternately for the storage of diesel fuels for compression ignition engines and motor oils (new or used) for automotive service stations, in aboveground applications not exceeding ~~2,000 gal (7,570 L)~~ 3,000 gal (11,356 L).

2. Revision to scope to add NFPA 110 reference

RATIONALE

Proposal submitted by: Roland Riegel, Underwriters Laboratories, LLC

NFPA 110 should be added since the majority of generator fuel tanks covered by this code are for combustible liquids that require liquid level gauges.

PROPOSAL

1 Scope

1.4 These tanks are intended for installation and use in accordance with the Standard for the Installation of Oil-Burning Equipment, ANSI/NFPA 31, the Flammable and Combustible Liquids Code, ANSI/NFPA 30, the Code for Motor Fuel Dispensing Facilities and Repair Garages, ANSI/NFPA 30A, the Standard for Emergency and Standby Power Systems, NFPA 110, and the International Fire Code published by the International Code Council.

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