

Subject 471

September 21, 2018

SUMMARY OF TOPICS

The following topics for the Standard for Commercial Refrigerators and Freezers, UL 471, are being recirculated:

1. Test Requirement Revision Or Clarification For Refrigerant Leakage Test For Drop-In Products

COMMENTS DUE: October 22, 2018

For your convenience in review, proposed additions to the previously proposed requirements dated June 8, 2018 are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Test Requirement Revision Or Clarification For Refrigerant Leakage Test For Drop-In Products

RATIONALE

Responses to comments have been posted within the UL 471 Proposal Review Work Area dated June 8, 2018.

PROPOSAL

1.2 These requirements apply to unitary and remote commercial refrigerators and freezers. For the purposes of this standard, commercial refrigerators and freezers include equipment, such as display cases, reach-in cabinets, meat cases, ~~drop-in appliances~~, frozen food and merchandising cabinets, beverage coolers, beverage cooler-dispensers, food service carts, ice cream cabinets, soda fountain units, door panel assemblies, laboratory refrigerators and freezers, and processing liquid coolers.

~~3.38 Drop-In Appliances Refrigeration equipment intended to be installed in a custom food equipment cabinet that is shared with other installed commercial cooking and refrigeration equipment.~~

SB5.1.1.2 The refrigerator is to be installed in accordance with the manufacturer's instructions; see 44.5. ~~Drop-in~~ Built-in appliances that are intended to be installed in custom installations (such as custom food equipment) shall be installed in a test enclosure fabricated in accordance with the manufacturer's instructions.

SB5.1.4.6.1 For ~~drop-in~~ built-in appliances where there are potential flammable refrigerant ignition sources from equipment that may be installed adjacent to the ~~drop-in~~ built-in appliance, the concentration of leaked refrigerant shall also be measured where these potential ignition sources may be located. Examples of such ignition sources are power switches, light switches, GFCIs, and gas igniters, See also SB5.1.1.2.

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