BSR/ASHRAE Addendum i
to ANSI/ASHRAE Standard 15-2024

Second Public Review Draft

Proposed Addendum i to Standard 15-2024, Safety Standard for Refrigeration Systems

Second Public Review (December 2025)
(Draft shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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FOREWORD

This second public review ISC updates language in section 5.2.2 to show the mark up based on the 2024 edition and reorder the examples of low probability systems. In addition, it clarifies that the secondary coolant pressure requirement applies to indirect and double indirect open spray systems.

This proposed addendum clarifies that the italicized terms in Section 4 and 5 are also defined terms and should be considered as such. A definition of "integral", taken from ASHRAE 15.2, is also added. In response to CMP 15-2024-0005-001, NRTL is added to the list of acronyms used in the standard. Additionally, this proposed addendum also brings clarity to the refrigerating system classification in Section 5 by clarifying double indirect systems as double indirect open spray systems and adding indirect vented closed systems to the list of low-probability systems.

Note to Reviewers: This public review makes proposed independent substantiative changes to the previous public review draft. These substantive changes to the previous public review draft are indicated by underlining (for additions) ~~strikethrough~~ (for deletions), except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous public review are open for review and comment at this time. Additional material is provided for context only and is not open for comment, except as related to the proposed substantive changes.

Addendum i to Standard 15-2024

Modify Section 5.2.2 as follows. The remainder of Section 5.2.2 remains unchanged.

5.2.2 Low Probability system

A *low-probability system* is any *refrigeration system* in which the basic design or the location of components is such that leakage of *refrigerant* from a failed connection, seal, or component cannot enter the *occupied space*. Typical *low-probability systems* are (a*) indirect closed systems* ~~or (b) double *indirect open spray systems* and (c) *indirect open spray systems*~~ and (b) *indirect vented closed systems*, or (c) *indirect open spray systems* and (d) *double indirect open spray systems* if the following condition is met: In a low-probability *indirect open spray system* or a *double indirect open spray system*, the *secondary coolant* pressure shall remain greater than *refrigerant* pressure in all conditions of operation and standby. Operation conditions are defined in Section 9.2.1, and standby conditions are defined in Section 9.2.1.2.

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