

**INTERPRETATION IC 15-2022-15 OF
ANSI/ASHRAE STANDARD 15-2022
SAFETY STANDARD FOR REFRIGERATION SYSTEMS**

Date Approved: October 24, 2025

Request from: Aaron McEwin (amcewin@jordanskala.com), Jordan & Skala Engineers, Inc., 6201 W Plano Pkwy, Suite 250, Plano, TX 75093. (Phone: 469-385-1616)

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 15-2022, Section 7.5.1.2 Equations 7-7a and 7-7b, regarding system refrigerant charge.

Background: Equation 7-7 appears to be based solely on refrigerant type and does not include volume of space. The equation is a constant multiplied by the LFL.

Interpretation No.1: For R-32 with an LFL of 19.1 lb/1000 ft³ (based on ASHRAE Standard 34-2022 Addendum a), this equates to a system refrigerant charge of 2.02 lb per Equation 7-7a.

Question No.1: Is this Interpretation correct?

Answer No.1: Yes

Comments No.1:

Interpretation No.2: For R-454B with an LFL of 18.5 lb/1000 ft³ (based on ASHRAE Standard 34-2022 Addendum a), this equates to a system refrigerant charge of 1.96 lb per Equation 7-7a.

Question No.2: Is this Interpretation correct?

Answer No.2: Yes

Comments No.2: