



INTERPRETATION: IIAR SC 2025-2. For IIAR 2-2021 and IIAR 9-2020.
Ammonia Specifications.

FINALIZED: February 4, 2025

SUBJECT: Ammonia Specifications

BACKGROUND:

- IIAR 2-2021, Section 5.2.1 states: Anhydrous ammonia used for the initial and subsequent charging of ammonia refrigeration systems shall meet the purity requirements shown in Table 5.2.1.
- IIAR 9-2020, Section 7.2.1.1 states: Anhydrous ammonia used for the initial and subsequent charging of ammonia refrigeration systems using mechanical compression shall meet the purity requirements shown in Table 7.2.1.1.

QUESTION 1:

Various grades of ammonia are available for charging an ammonia refrigeration system. If the final charge of the system meets minimum water content and purity requirements provided in the tables given in IIAR 2 and IIAR 9, is it acceptable to use ammonia that has less water content than is specified in the tables?

ANSWER 1: Yes.

COMMITTEE

ACTION: The committee will revise current standards to clarify and make requirements consistent.