

**INTERPRETATION IC62.1-2004-07 OF  
ANSI/ASHRAE STANDARD 62.1-2004  
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

TRANSFER APPROVED: June 25, 2006

Originally issued as interpretation of Standard 62-1989 (IC 62-1989-31) on April 1, 1999, but revised based on the publication of Standard 62-1999 (IC 62-1999-36) on August 14, 2000. Revisions made to all Background, Question and Answer statements to reflect Standard 62-1999 language. Transferred to Standard 62-2001 (IC 62-2001-37) on January 12, 2002 and subsequently to Standard 62.1-2004. Even though Standard 62.1-2004 includes some changes to relevant sections of Standard 62-2001, only minor revisions related to referenced sections were made in transferring this interpretation to apply to Standard 62.1-2004

Request from: Richard Fox, Allied Signal, Chair TC 9.3

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2004, Table 6-1, General Note 7, and Table E-3 relating to vehicles.

Background: The scope of Standard 62.1 does not explicitly address transportation ventilation. Table E-3 has a single listing for vehicles and contains a comment that “ventilation within vehicles may require special considerations.” No specific listing of the types or conditions on these vehicles is mentioned. There are many kinds of vehicles, many of which have special needs. Other standards are written or are being written to deal with specific vehicles, such as aircraft.

Interpretation No. 1: Standard 62.1 cannot be applied to transportation HVAC applications.

Question No. 1: Is Interpretation No. 1 correct?

Answer: No. The scope of 62.1-2004 specifically applies to all enclosed spaces. The entry for vehicles may be used for transportation applications.

Comment: ASHRAE Standard 62.1-2004 does not specifically address many kinds of occupancies covered in its broad scope. Nonetheless, when it was written, the Society chose to try to cover all ventilation applications, even if only broadly. The standard is under continuous maintenance now and efforts are underway to limit the scope of the standard to occupancies that can be dealt with explicitly and in code language. Whether the requirements of Standard 62.1 *should* be applied to specific vehicles would be a decision for the authority having enforcement jurisdiction.

Interpretation No. 2: The entry in Table E-3 was not developed with the specific needs of aircraft in mind.

Question No. 2: Is Interpretation No. 2 correct?

Answer: Yes.

Comment: As noted in the response to Question No. 1 above, 62.1-2004 covers vehicles only broadly. The note in the table indicates ventilation within vehicles requires special consideration, but the standard does not state what that is. ASHRAE is currently developing a standard specifically on aircraft ventilation and such a standard would contain the details of such “special considerations.”