

**INTERPRETATION IC 62.1-2007-10 OF
ASHRAE STANDARD 62.1-2007
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

Transfer Approved: January 20, 2008

Originally issued as interpretation of Standard 62-2001 (IC 62-2001-43) on June 29, 2003, transferred to Standard 62.1-2004 (IC 62.1-2004-10) on June 25, 2006 and subsequently transferred to 62.1-2007. Even though Standard 62.1-2007 includes some changes to relevant sections of Standard 62.1-2004, only minor revisions related to referenced sections were made in transferring this interpretation to apply to Standard 62.1-2007.

Request from: Ed Fickes (fickes@fickes-engineering.com), Fickes Engineering and Code Group, Inc., 1540 Keller Parkway, Suite 108-B306, Keller, TX 76248.

Reference: This request for interpretation refers to Table 6-1 of ANSI/ASHRAE Standard 62.1-2007 dealing with Minimum Ventilation Rates in Breathing Zone.

Background: A client has mechanical design requirements that state, "ASHRAE Standard 62 shall be used to calculate the minimum acceptable outdoor air rate and verify that indoor contaminants are below acceptable levels." I can respond to the first portion of the statement regarding calculating "minimum outdoor air rates" by referring to Table 6-1. However, I am having difficulty with the requirements of "verify that indoor contaminants are below acceptable levels". Appendix B of Standard 62.1-2007 is for indoor environment air pollutants and is not part of the Standard and Table 4-1 is for outdoor air contaminants. Other than assuming acceptable contaminant levels are met when outdoor air rates are provided in accordance with Table 6-1, I don't see that Standard 62 sets acceptable indoor contaminant levels.

Interpretation: ANSI/ASHRAE Standard 62.1-2007 does not set mandatory maximum acceptable levels of indoor contaminants.

Question: Is this Interpretation correct?

Answer: Yes

Comments: However, the standard contains acceptable levels for some contaminants in Table 4-1 that are not mandatory.