

**INTERPRETATION IC 62-1989-14 OF
ANSI/ASHRAE STANDARD 62-1989
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

May 1, 1994

Request from: Max H. Sherman, Lawrence Berkeley Laboratory, Building 90, Room 3074, Berkeley, CA 94720

References. This request refers to ANSI/ASHRAE 62-1989, Subsection 6.1.3, Table 2.3, Outdoor Air Requirements for Ventilation of Residential Facilities (Private Dwellings, Single, Multiple), and specifically to the comments in Table 2.3 associated with the entry, "Living areas." Also referenced is ANSI/ASHRAE 136-1993, A Method of Determining Air Change Rates in Detached Dwellings.

Background. The comment in Table 2.3 states in part: "The ventilation is normally satisfied by infiltration and natural ventilation."

Dr. Sherman's letter opines that the referenced comment does not specify how this is to be determined, over what time frame, what kind of averaging is allowed, etc. The purpose of ANSI/ASHRAE Standard 136-1993 is essentially ". . . to provide a procedure for determining effective air change rates in detached dwellings . . . for use in evaluating the impact . . . on indoor air quality." Dr. Sherman interprets the referenced statements in ASHRAE 62 and ASHRAE 136 to mean that the rates calculated by ASHRAE 136 are one acceptable form of compliance to Table 2.3 of ASHRAE 62-1989 for single-family, detached dwellings.

Question. Is Dr. Sherman's interpretation correct?

Answer. Yes