

**INTERPRETATION IC 62.1-2007-26 OF
ANSI/ASHRAE STANDARD 62.1-2007
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

Approved: January 24, 2016

Request from: Ioannis Tzourales, Mechanical Engineer, Attikis 30, Ilioupolis, Athens, Greece 16342.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2007, Section 6.2 and Tables 6-1, 6-2 and 6-4, regarding ventilation requirements for office buildings and their garage and rest rooms.

Background: In an Office Building we have an underground Garage Area and some Toilets. We can calculate the necessary Exhaust Rate for each area/room, according to the following: Multiplying exhaust rates ($L/s/m^2$) from Table 6-4 by the net floor area of the garage, and multiplying exhaust rates ($L/s/unit$) from Table 6-4 by the number of units per Toilet room.

Interpretation: For the calculation of the exhaust rates for the occupancies listed in Table 6-4 we must use Equation 6.1, but not any zone air distribution effectiveness (E_z) from Table 6-2, because there is no “breathing zone” for the occupancies listed in Table 6-4.

Question: Is this interpretation correct?

Answer: No.

Comments: Equation 6-1 is not for determining the exhaust air flow. Table 6-4 is the correct table to use for determining the exhaust air flow for the occupancy. The “Breathing Zone” air distribution effectiveness is not applicable for Exhaust air flow.