

**INTERPRETATION IC 62.1-2016-8 OF
ANSI/ASHRAE STANDARD 62.1-2016
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

Approved: December 19, 2019

Request from: Pete N. Kalambakas, ASHRAE Member, 4275 N. Palm St. Suite 100, Fullerton, CA 92835.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2016, Section 6 and Table 6.2.2.1, regarding ventilation for Freezer & Refrigerated Spaces (<50°F).

Background: Table 6.2.2.1 is used by the international and California mechanical codes and soon will be in the California energy code, even though the occupancy is shown as “0” on a recent plan submittal, a plan reviewer flagged this and demanded we comply with the ventilation requirements of this table. Note “E” also adds some confusion where it refers to; “*Where combustion equipment to be used on the playing surface additional dilution ventilation, source control, or both shall be provided*”.

Interpretation: Commercial retail cooler and freezer walk in boxes are not considered occupied spaces and are not normally provided with ventilation unless they are a designated food preparation area or a loading area at or above 50°F. In addition, the type of occupancy described by note “E” may not apply to cooler freezer walk in boxes.

Question: Is this interpretation correct?

Answer: No

Comments: This space was originally added in 62.1-2010 Addendum I, and table note E was modified to read “Where combustion equipment is intended to be used on the playing surface or in the space, additional dilution ventilation, source control, or both shall be provided.” In general, these spaces are considered unoccupied, in which case there is no people requirement, and the lower temperatures will suppress the formation of VOC’s, thus the lack of an area requirement. In the case where a refrigerated room is used in an environment that may contain regular occupants and equipment, such as a research laboratory, ventilation for the occupants and provisions for other sources, such as combustion equipment as indicated by table note E, are required.