

**INTERPRETATION IC 62.1-2007-19 OF  
ANSI/ASHRAE STANDARD 62.1-2007  
VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY**

Approved June 27, 2010

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**Reference:** This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 62.1-2007, Section 6.2 and Table 6-1, regarding ventilation requirements for refrigerated warehouse space.

**Background:** Table 6-1 includes minimum ventilation requirements for Warehouses (0.06 cfm/ft<sup>2</sup>); however, refrigerated warehouses are not explicitly listed. Note 6 for the table states: "Unlisted Occupancies: If the occupancy category for a proposed space or zone is not listed, the requirements for the listed occupancy category that is most similar in terms of occupant density, activities and building construction shall be used." In the 2005 ASHRAE manual Design Essentials for Refrigerated Storage Facilities, Chapter 3 discusses the detrimental impacts of envelope infiltration due to moisture in the frequently warmer outside air. Many building codes specifically require refrigerated storage spaces to not be ventilated (City of Chicago Building Code, for example). It is not explicitly required by ASHRAE 62.1 and the detrimental energy and safety risks of moisture from outdoor air make introduction of ventilation air undesirable in refrigerated spaces.

**Interpretation:** Ventilation of refrigerated warehouse spaces is not required in Standard 62.1-2007.

**Question:** Is this interpretation correct?

**Answer:** No

**Comments:** The Standard requires ventilation for an occupiable space as defined in Section 3. If you deem the refrigerated warehouse to be an occupiable space, refer to General Note 6 in Table 6-1 for guidance on application of Table 6-1 to unlisted occupancy categories.