

**INTERPRETATION IC 90.1-2007-32 OF
ANSI/ASHRAE/IESNA STANDARD 90.1-2007
Energy Standard for Buildings Except Low-Rise Residential Buildings**

Date Approved: June 25, 2016

Request from: John Covello, Development Management Group Co., Ltd., 55/5 Moo1 Thepkasattri Rd., Thalang, Phuket 83110.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE/IESNA Standard 90.1-2007, Section 9.4.1.1, regarding automatic lighting shutoff.

Background: Our project is using door sensors for lighting controls for Walk in Freezers and Room Chillers. Do these qualify as an occupant sensor (Section 9.4.1.1b)? They would turn the light on when someone is inside, and turn off the light when it is closed. No one will be inside with a closed door.

Interpretation: A door operated sensor for a freezer room counts as an occupant sensor for Section 9.4.1.1b of ASHRAE/IESNA Standard 90.1.

Question: Is this interpretation correct?

Answer: No

Comments: A door sensor (switch) does not meet the intent or specific language/definition in the standard because it only senses whether the door is open or closed and not whether the room is occupied or vacant.