

**Interpretation IC 170-2017-5 of
ANSI/ASHRAE/ASHE Standard 170-2017
Ventilation of Health Care Facilities**

Date Approved: February 4, 2020

Request from: Brendon J. Burley, Burdette, Koehler, Murphy and Associates, Inc., 6300 Blair Hill Lane, Baltimore, Maryland 21209.

Reference: This request for interpretation refers to the requirements in ANSI/ASHRAE/ASHE Standard 170-2017, Section 6.3.2.2, regarding exhaust discharge outlets.

Background: Exhaust discharge outlets ... shall additionally be arranged to discharge to the atmosphere in a vertical direction (with no rain cap or other device to impede the vertical momentum) and at least 10 ft (3 m) above the adjoining roof level.

The issue concerns the definition of “adjoining roof level”. Is this relative to the exhaust discharge itself or to the pharmacy suite. Specifically, could the exhaust system for a pharmacy located within a podium-tower facility be placed on the podium level roof, or must it be routed to the tower roof? If it is related to the pharmacy suite itself would placing the pharmacy suite partially or entirely outside the projected footprint of the tower change the interpretation?

Interpretation: “Adjoining roof level” is the level of the roof at which the exhaust terminates, in the case of sloping roofs this would be the highest point of the slope.

Question: Is this interpretation correct?

Answer: No

Comments: “Adjoining roof level” is the level of the roof at which the exhaust fan is located and the associated exhaust discharge terminates. In the case of sloping roofs, this would be the location where the fan and associated discharge stack are located.