



Building Inspection Division
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Code Interpretation: 2015-01

Date: 11/19/2015

Code/ Edition: 2012 Uniform Mechanical Code (UMC)
2012 International Residential Code (IRC)

Section(s): UMC Section 802.6.4 through 802.6.6 and IRC Section 2427.10.3.3 and 2428.3

Subject: Multiple Appliance Venting

Question: Section 802.6.4 through 802.6.6 and IRC 2427.10.3.3 states that multiple appliance venting shall be located within the same floor of the building, except engineering venting systems. Can two-story apartment buildings or homes with an appliance on each floor use the provisions quoted above to comply with the intent of the code? Multiple-story apartment buildings or homes with appliances serving each floor level have multiple roof penetrations, thereby increasing the potential for leaks and other structural problems.

Answer: No

Commentary: The Sections quoted in the question requires that appliances that are connected to one common venting system shall be located within the same story of the building except for engineered venting systems as provided in 801.0. Section 802.6.4 through 802.6.6 and IRC 2428.3 simply explains how vents are sized when two or more appliances within the same story of the building are connected to one common gravity-type venting system.

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