

STATE BUILDING CODE INTERPRETATION NO. I-16-11

September 6, 2011

The following is in response to your email request for formal interpretation dated August 31, 2011.

Question:

Is it permissible to use the venting system calculation from Section 809 of the 1997 Uniform Mechanical Code?

Answer:

No. Currently the 2005 State Building Code is adopted in Connecticut, which includes the 2003 International Residential Code for venting of appliances for one and two family dwellings and town houses and the 2003 International Mechanical Code for venting of appliances in buildings other than those listed above.

Both codes reference the 1992 edition of the NFPA 31, Section 1-7.2.14 of NFPA 31 references the 1988 edition of NFPA 211 Standard for Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances where in Section 5.4.2.2 requires a connector or manifold serving two or more appliances shall have an effective area equivalent to the combined areas of the appliance flue collars or individual connectors. See attached.