



Office of the State Building Inspector

March 28, 2017

Mr. Gary J. Testa
Woodbury Building Official
281 Main Street South
Woodbury, CT 06798

RE: I-03-17: The use of Plastic Piping for Venting of Gas Fired Equipment

Dear Mr. Testa:

This is in response to your letter dated March 7, 2017 in which you are seeking a formal interpretation to the following questions:

Question:

Would the use of PVC and/or ABS piping be acceptable means for venting high efficiency gas fired appliances such as hot water heater, boiler, etc.?

Answer:

- **Section M1801.1** of the 2012 International Residential Code (IRC) portion of the 2016 State Building Code states that "gas fired appliances shall be vented in accordance with Chapter 24.
- **Section G2425.15** states in part that *"the design, sizing and installation of vents for Category II, III and IV appliances shall be in accordance with the appliance manufacturer's installation instructions"*.
- **Section G2426.1** states in part that *"All vents, except as provided in **Section G2427.7**, shall be listed and labeled ... Plastic vents for Category IV appliances shall not be required to be listed and labeled where such vents are as specified by the appliance manufacturer and are installed in accordance with the appliance manufacturer's installation instructions"*.
- **Section G2427.4.1** states that *"Plastic piping used for venting appliances listed for use with such venting materials shall be approved"*.

Based on the above, the use of plastic piping for the venting of gas fired appliances is acceptable if such venting is installed in accordance with the manufacturer's installation instructions or the appliances have been listed for use with such venting materials.

Sincerely,

Daniel Tierney
Deputy State Building Inspector

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