

Interpretation on Reference Home Whole House Mechanical Ventilation**No. 2014-02****Submitted: November 18, 2014****Approved: December 16, 2014****Proponent: Calculations Subcommittee of SDC 300****Applies to:**

ANSI/RESNET 301-2014, Table 4.2.2(1), Reference Home Whole House Mechanical Ventilation

Interpretation:

Shall the Whole House Mechanical Ventilation 'fanCFM' values for the HERS Reference Home in Table 4.2.2(1) be interpreted as meaning the 'fanCFM' values associated with the minimum ventilation fan flow rates required for the Rated Home in accordance with Equation 4.6 of ASHRAE Standard 62.2-2013?

Yes Approved by the Standards Management Board on December 16, 2014.No **Justification:**

Without this interpretation for the treatment of the Reference Home Whole House Mechanical Ventilation 'fanCFM', Rated Homes are unduly penalized through comparison with a Reference Home ventilation fan annual energy use derived from a fan flow rate that may be substantially lower than the fan flow rate requirements of the Rated Home. A spreadsheet analysis (mechVent_2013 v 2014_rev02.xlsx) illustrating this issue is attached.