

Interpretation on Reference Home Air Exchange Rate**No. 2014-01****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 Air exchange rate

Interpretation:

Shall the air exchange rate of the HERS Reference Home in Table 4.2.2(1) be interpreted as meaning that the total air exchange rate be equal to the infiltration rate calculated at SLA = 0.00036 as supplemented by the ventilation rate required by Equation 4.6 of ASHRAE Standard 62.2-2013 as specified in note (f) of Table 4.2.2(1)?

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

Without this interpretation for the treatment of the Reference Home air exchange rate, Rated Homes are unduely penalized through comparison with a Reference Home that does not meet air exchange standards for adaqueate indoor air quality in most cases. A spreadsheet analysis (mechVent_2013 v 2014_rev02.xlsx) illustrating this issue is attached.