performed by Dominic Coleman per INCAP 2009 Wx Field Guide, Chapter 5 *Airflow*

**site-specific minimum ventilation rate (MVR)**

house volume x .40 (furnace uses interior air for combustion…) = cu. ft./hour / 60 = CFM Natural x *N* (N=18.5 for 2 story house…) = CFM50

MVR = ((((29 x 34 x 9) + (29 x 34 x 8))\*.4)/60)\*18.5 = **2067 CFM50**

**pre-WX airflow rate**

vent stack hole in attic floor/bathroom ceiling stuffed…

vent fan hole in attic floor/bathroom ceiling covered with a board…

oil filler and vent holes in foundation stuffed…

LR fireplace glass doors closed, but not a tight fit in the opening…

= **3800 CFM50**

200 CFM attributable to LR fireplace/chimney/lack of damper when glass doors removed