**ASHRAE 62.2 – 2010 Residential Ventilation Standard**

**Auditor/Inspector Check List**

All boxes must be checked or marked N/A.

* The dwelling unit is a single family or multifamily residential building of three stories or less above grade, including manufactured and modular housing.
* The planned ventilation strategy includes: (check applicable circle)
  + a mechanical exhaust system
  + a mechanical supply system
  + a combination thereof; a balanced system with supply and exhaust air (e.g. HRV or ERV)
* All bathrooms have fans rated at 50 CFM on-demand or 20 CFM continuous.[[1]](#footnote-1)\*
* The kitchen has a fan rated at 100 CFM on-demand or 5ACH based on kitchen volume. If the kitchen fan delivers less than 5ACH, it is a vented range hood.[[2]](#footnote-2)\*
* All whole building fans are rated 1 sone or less.
* All local occupant controlled fans are rated at three sones or less.
* All clothes driers are vented to exterior.
* Adjoining garage(s) are sufficiently air sealed from the living space to prevent migration of contaminants.
* The whole building fan providing IAQ ventilation air operates automatically without requiring occupant intervention.
* If the fan providing the IAQ ventilation air is set to cycle on & off, the entire on/off cycle is completed within four hours.
* The delivered ventilation rate meets the formula outlined in the curriculum.

1. \* If not, you may use the alternative compliance calculation. In each room where a local ventilation fan is required and a fan either doesn’t exist or doesn’t deliver the required CFM, determine the deficit relative to the required rate: i.e. How much less than 50 CFM in each full bathroom? How much less than 100 CFM in each kitchen? For each room with a deficit, reduce the room’s deficit by 20 CFM if that room has an operable window. Sum all deficits and divide the total by 4. Add the result to the whole-building ventilation requirement. Refer to the spreadsheet included with this curriculum for more details. [↑](#footnote-ref-1)
2. [↑](#footnote-ref-2)