ERRATA SHEET FOR
ANSI/ASHRAE STANDARD 62.2-2013
Ventilation and Acceptable Indoor Air Quality in
Low-Rise Residential Buildings

February 23, 2015

The corrections listed in this errata sheet apply all copies of ANSI/ASHRAE Standard 62.2-2013. The first printing is identified on the outside back cover as "Product code: 86176 4/13" and the second printing is identified as "Product code: 86176 2/14 *Errata noted in the list dated 1/28/2014 have been corrected."* The shaded item has been added since the previous errata sheet dated February 18, 2015 was distributed. Items identified with an asterisk "*" have been incorporated into the second printing and therefore apply only to the first printing.

NOTICE: ASHRAE now has a list server for Standing Standards Project Committee 62.2 (SSPC 62.2). Interested parties can now subscribe and unsubscribe to the list server and be automatically notified via e-mail when activities and information related to the Standard is available. To sign up for the list server please visit **Project Committee List Servers** on the Standards and Guidelines section of the ASHRAE website at https://www.ashrae.org/standards-research--technology/standards--guidelines/standards-activities/project-committee-list-servers.

Page	**Erratum**

5* **Section 4.1.2 Infiltration Credit.** In Equation 4.6 change the variable Q_{inf} as shown below. Note missing parenthesis.
(Note: Additions are shown in underline *and deletions are shown in* ~~strikethrough~~*.)*

Q_{inf} = may be no greater than $2/3 \cdot Q_{tot}$ (~~;~~see Normative Appendix A for exceptions for existing buildings and Section 8.2.1 for multifamily buildings)

5 **Section 4.13 Different Occupant Density.** Revise Section 4.1.3 as shown below.
(Note: Deletions are shown in ~~strikethrough~~*.)*

4.1.3 Different Occupant Density. Tables 4.1a and 4.1b and Equations 4.1a and 4.1b ~~and Equations 4.2a and 4.2b~~ assume two persons in a studio or one-bedroom dwelling unit and an additional person for each additional bedroom. Where higher occupant densities are known, the rate shall be increased by 7.5 cfm (3.5 L/s) for each additional person. When approved by the authority having jurisdiction, lower occupant densities may be used.

6-7 **Section 4.5.2 Extended-Cycle Intermittent Ventilation.** Revise Section 4.5.2 as shown below. Changes are shown highlight in yellow.
(Note: Additions are shown in underline *and deletions are shown in* ~~strikethrough~~*.)*

4.5.2 Extended-Cycle Intermittent Ventilation. When mechanical ventilation is not provided at least once every three hours by a single fan system, the intermittent fan airflow rate (Q_{on}) shall be calculated from Equation 4.7. Fan cycle time (T_{cyc}) shall not exceed 24 hours. Where the fan airflow rate during the on-cycle varies with time, the time average airflow rate during each hour shall meet or exceed the intermittent mechanical ventilation requirement of Equation 4.7.

$Q_{on} \geq Q_{fan} / (\varepsilon f)$ $Q_{on} = Q_{fan} / (\varepsilon f)$ (4.7)

where
Q_{on} = intermittent fan airflow rate during the on-cycle
Q_{fan} = continuous mechanical ventilation air
requirement (from ~~Table 4.1a or 4.1b or Equation 4.1a or 4.1b~~ Section 4.1)
ε = mechanical ventilation effectiveness (from Table 4.2)
f = fractional on-time, defined as the on-time for one cycle divided by the cycle time

Table 4.2 also requires the calculation of the required turnover, N, as follows:

$N = 12.8 \cdot Q_{fan} \cdot T_{cyc}/A_{floor}$ (I-P)   (4.8a)

where
Q_{fan} = mechanical ventilation air requirement (from ~~Table 4.1a or Equation 4.1a~~ Section 4.1), cfm
T_{cyc} = fan cycle time, defined as the total time for one off-cycle and one on-cycle, h
A_{floor} = floor area of residence, ft^2

$N = 2.51 \cdot Q_{fan} \cdot T_{cyc}/A_{floor}$ (SI)   (4.8b)

where
Q_{fan} = mechanical ventilation air requirement (from ~~Table 4.1b or Equation 4.1b~~ Section 4.1), L/s
T_{cyc} = fan cycle time, defined as the total time for one off-cycle and one on-cycle, h
A_{floor} = floor area of residence, m^2

For values not listed in Table 4-2, use the next higher value for N or the next lower value for f. Linear interpolation shall be permitted.

10* **Section 8.2.1 Ventilation Rate.** In the first sentence of Section 8.2.1 change the "Section 4.1" reference to "Section 4.1.1".

10* **Section 8.2.1 Ventilation Rate.** In the last sentence of Section 8.2.1 change the "Section 4.1.3" reference to "Section 4.1.2".