

ERRATA SHEET FOR ANSI/ASHRAE STANDARD 145.2-2011
Laboratory Test Method for Assessing the Performance of
Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices

August 25, 2011

The corrections listed in this errata sheet apply to ANSI/ASHRAE Standard 145.2-2011. The first printing is identified on the outside back cover as "Product code: 86477 8/11".

Page Erratum

- 21** **10.6 Standard Capacity Test Penetration, P_t (%)**. Replace Section 10.6 with the following:

10.6 Standard Capacity Test Penetration, P_t (%). Compute the penetration for each time interval using Equation 10-1.

$$P_t = \left(\frac{C_{ot}}{C_i} \right) * 100 \quad (10-1)$$

where:

C_i = inlet (media challenge) gas concentration (in ppm) averaged over the high concentration challenge portion of the test

C_{ot} = outlet (media downstream) gas concentration (in ppm) at time "t"

Since rig background concentrations must be insignificant, background corrections are not required to be made. Plot the penetration versus elapsed challenge time (beyond the conditioning period).

- 27** **Normative Annex A**. Insert Figure A-1 after Section A2.2 Example of Leakage From an ASHRAE Standard 52.2 Duct. Figure A-1 is missing from the published standard. See attached figure.

**Big Rig Test Section Leak Test Comparison
10/18/2001 vs 4/3/2003**

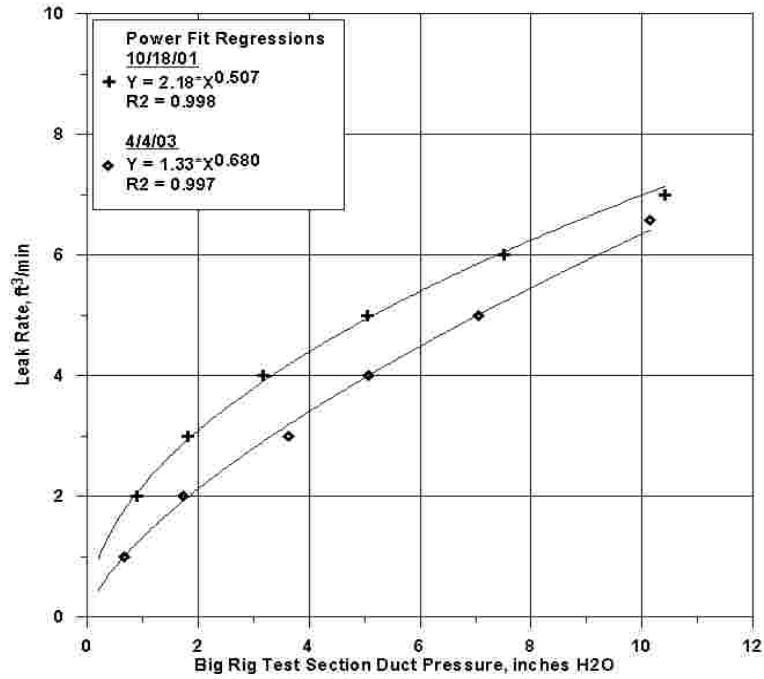


Figure A-1. Static leak test of ASHRAE Standard 52.2 duct after test rig sealing.