

1.0 Scope and Application.

Method 2d - Measurement of Gas Volume Flow Rates in Small Pipes and Ducts

NO This method does not include any of the specifications (e.g., equipment and supplies) and procedures. 4-1(s) 0.0 to 0.8 18 773.6 cm BT 17 0 0 -17 50 0 0 -17 48.436 119 1347944

Same as [Method 2A, Sections 8.1 and 8.2](#), respectively.

8.2 Volume Rate Measurement.

8.2.1 Continuous, Steady flow.

At least once an hour, record the metering device [flow rate](#) or pressure drop reading, and

in Equation 2D-2 Section 12.3.

12.2 Gas flow rate.

$$Q_g = v \sqrt{\frac{(P_{bar} + P_m)}{\rho}}$$

Eq. 2D-1

12.3 Test meter Device calibration Coefficient.

Calculation for testing metering device calibration coefficient, Y_m .

$$Y_m = \frac{Q_{std}}{Q_m} \sqrt{\frac{P_{bar} + P_m}{P_{std}}}$$

Eq. 2D-2

13.0 Method Performance. [Reserved]

14.0 Pollution Prevention. [Reserved]

