

Question 3.18

Topic: Test Method 2H -- Applicability of Notes Regarding Stack Diameters in Sections 8.2.3(b) and 8.2.3(c)

Question: Do the stack diameters given in the notes in Sections 8.2.3(b) and 8.2.3(c) of Method 2H hold for Method 1 traverses with more than 16 traverse points?

Answer: No. The dimensions shown in these sections only apply to a Method 1 traverse consisting of 16 points.
Section 8.2.3(b) says that for stacks or ducts with diameters greater than 15.6 feet, the interior edge of the Method 1 equal area is farther from the wall than 12 inches (i.e., d_b is greater than 12 inches). Section 8.2.3(c) says that for a complete wall effects traverse the distance between d_{rem} and d_{last} will be less than or equal to 1/2 inch for stacks or ducts with diameters less than 16.5 feet. These conditions apply to Method 1 traverses consisting of 16 traverse points. Other dimensions would apply to Method 1 traverses consisting of more than 16 traverse points.

References: 40 CFR Part 60, Appendix A-2 (RM 2H, Sections 8.2.3(b) and 8.2.3(c))

History: First published in October 1999 Revised Manual