

Question 8.14

Topic: Rounding RATA Results to Determine RATA Frequency

Question: If the results of a NO_x RATA, reported to two decimal places, come out to 7.51% relative accuracy (RA), does the monitoring system qualify for reduced RATA frequency?

Answer: Yes. Section 2.3.1.2 of Appendix B to Part 75 allows annual, rather than semiannual, RATA frequency when the RA is 7.5% or less. The RA specification is to one decimal place. Therefore, a RA of 7.51% qualifies for the annual RATA frequency because, by the normal rules of rounding off, 7.51, to the nearest tenth, is 7.5. If the second decimal place in the reported RA had been five or greater, this would have rounded off to 7.6% and the monitoring system would not have qualified for the reduced RATA frequency.

References: Appendix B, Section 2.3.1.2

History: First published in March 1995, Update #5; revised in October 1999 Revised Manual; revised in 2013 Manual