

## Question 8.33

**Topic:** RATAs for Time-shared Systems

**Question:** If the source has a time-shared continuous emissions monitoring system (CEMS) which alternates sampling between two or more emission points, should the RATA be performed with the CEMS in time-share mode?

**Answer:** Yes. Because it is not possible to detect system bias introduced by the time-share process when the CEMS is not in the time-share mode, the RATA should be performed while the system is in time-share mode. There are two options available to determine the CEMS emission average while performing the RATA in time-share mode:

- 1) the runs can be 21 minutes long and the CEMS average computed from whatever data is recorded by the CEMS for the emission point tested during the 21 minutes; or
- 2) the runs can be extended up to one hour to capture two or more CEMS sampling cycles for the emission point being tested.

**References:**

**History:** First published in October 2003 Revised Manual