

## Question 14.1

**Topic:** Number of Data Points for a Valid Hour

**Question:** If a CEMS collected ten one-minute averages during a full hour of operation and only eight or nine of the averages were valid, would the hour's data still be valid (see § 75.10(d)(1))?

**Answer:** In order for the hourly average monitoring value to be considered valid for a full, 60-minute hour of operation in which no required calibration error tests, preventive maintenance, or other quality assurance tests are performed, the hourly average must be calculated from a minimum of one data point collected in each of four successive 15-minute periods (minimum of four data points per hour).

Therefore, if each of the four successive 15-minute periods are accounted for with the eight or nine valid readings in the example above, the hourly average calculated from the readings would be considered valid. When a required QA test or preventive maintenance is performed during a full operating hour, a minimum of two valid data points, separated by at least 15 minutes, must be obtained to validate the hour.

**References:** § 75.10(d)(1)

**History:** First published in Original March 1993 Policy Manual; revised in 2013Manual