

## Question 7.2

**Topic:** Backup Reference Method -- Valid Hour

**Question:** When providing backup monitoring with reference method testing, are two data points per hour in separate 15-minute quadrants acceptable?

**Answer:** For a full operating hour (i.e., an hour with 60 minutes of unit operation), the criteria specified in § 75.10(d)(1) for primary monitoring systems also apply to reference method backup monitors. During periods other than calibration, maintenance, or quality assurance activities, an hourly average is not valid unless it is calculated from data collected in each of the four successive 15-minute quadrants in the hour. During calibration, maintenance, or quality assurance, hourly averages are considered valid if they are calculated from at least two points, separated by a minimum of 15 minutes (see also Question 19.15).

**References:** § 75.10(d)(1)

**History:** First published in Original March 1993 Policy Manual; revised in October 1999 Revised Manual; revised in 2013 Manual