

Question 23.4

Topic: Fuel Usage Time

Question: Do invalid one-minute fuel flow data points get counted in the determination of the hourly fuel usage time? For example, if for a particular fuel (oil or gas) we have valid one-minute data from minute one through 28, invalid data from minute 29 through 35 and the unit was not operating on that fuel from minute 36 through 60, what fuel usage time should be recorded in the <HourlyFuelFlowData> record for that fuel?

Answer: You may report the “fuel usage time”, i.e., the actual portion of the clock hour in which the unit combusted fuel, to the nearest hundredth of an hour (0.58 in this example, based on minutes 1 through 35), or you may report it to the number of quarter hours in which the unit combusted fuel, rounded up to the next highest quarter hour (0.75 in this example). Note that the hourly average fuel flow rate is based exclusively upon the *valid* data points collected while the fuel was being burned (i.e., the average of the data collected between minutes 1 and 28), the fuel usage time is based upon the time during which fuel was burned regardless of whether or not valid fuel flow rate data were obtained.

References: Appendix D; ECMPS Emission Reporting Instructions

History: First published in November 1995, Update #7 as Question 2.10; revised and renumbered in October 1999 Revised Manual; revised in 2013 Manual