

## Question 23.3

**Topic:** Diesel Fuel Sampling

**Question:** How should the sulfur content be determined for the as-delivered oil sampling option in Appendix D?

**Answer:** Appendix D, Section 2.2.4.3(c) states: "Oil sampling may be performed either by the owner or operator of an affected unit, an outside laboratory, or a fuel supplier, provided that samples are representative and that sampling is performed according to either the single tank composite sampling procedure or the all-levels sampling procedure in ASTM D4057-95 (Reapproved 2000). . ."

This may be accomplished by taking a sample from the:

- (1) Shipment tank or container upon receipt.
- (2) Supplier's storage container that holds the fuel (provided that no fuel is added to the container between the time that the sample is taken and the time the shipment is prepared for delivery -- otherwise, a new sample must be taken).

SO<sub>2</sub> mass emissions then should be calculated using either the highest value sampled during the previous calendar year or the maximum value indicated in the fuel supply contract unless the actual value obtained from the most recent sample is higher.

**References:** Appendix D, Section 2.2.4.3(c)

**History:** First published in November 1995, Update #7 as Question 2.9; revised and renumbered in October 1999 Revised Manual; revised in October 2003 Revised Manual; revised in 2013 Manual