

#### **4.4.2 Fuel oil sampling**

For oil, Appendix D provides several fuel sampling and analysis options. The required sampling of the sulfur content<sup>20</sup>, GCV and, if applicable, density of the oil may be done using any of the following methods:

- Daily sampling; or
- Composite sampling for up to 168 hours, using hourly flow-proportional sampling or continuous drip sampling; or
- Sampling after each addition of oil to the storage tank; or
- Sampling each delivery or “lot” of fuel (i.e., each ship load, barge load, group of trucks, etc). The sample may be taken from either the supplier’s storage tank or from the shipment tank (container) upon receipt.

Acceptable ASTM sampling and analysis methods for fuel oil are given in sections 2.2.5 (for fuel sulfur content) and 2.2.7 (for fuel GCV) of Appendix D.