

### ***2.2.3 Alternative Monitoring Systems***

Subpart E of Part 75 allows sources to petition EPA for approval of an alternative monitoring system. To obtain approval, the petition must demonstrate that the alternative system has the same precision, reliability, accessibility, and timeliness as a certified Part 75 CEMS. The performance of any alternative system must be demonstrated by simultaneous testing against a fully certified CEMS or an EPA reference test method. The petition must also propose quality assurance procedures and missing data substitution procedures for the alternative monitoring system that are consistent with the corresponding Part 75 procedures for CEMS. The criteria and procedures for approval of alternative systems are specified in Subpart E and are not discussed further in this guide.

On the one hand, EPA has received and approved relatively few Subpart E petitions to use alternative monitoring systems, partly due to the rigorous requirements of Subpart E and because the Appendix D, Appendix E and LME options in Part 75 provide substantial flexibility in choosing a monitoring methodology. On the other hand, the Agency has approved many minor variations to the monitoring provisions of Part 75 through the special petition process under §75.66.