

Question 24.6

Topic: Appendix E -- Quality Assurance/Quality Control Parameters

Question: Is it necessary to track excess O₂ when the heat input is lower than the lowest tested heat input point from the Appendix E correlation curve?

Answer: In the Technical Support Document for the 1995 Direct Final Rule, section M, item 7, it is explained that linear interpolation can be used to determine expected excess O₂ at load or heat input levels that fall between test levels.

However, it is not necessary to keep track of excess O₂ when the heat input is lower than the lowest heat input point. Presumably, the heat input will be less than the minimum heat input point only during start-up and shutdown conditions. The EPA intended for the quality assurance/quality control parameters to apply to the normal unit operation covered by the most recent Appendix E testing.

References: Appendix E, Section 2.3.3

History: First published in November 1995, Update #7 as Question 4.17; renumbered in October 1999 Revised Manual