

APPENDIX F

NOX AND CO SOURCE TESTING AND PORTABLE ANALYZER REQUIREMENTS FOR HEATERS AND BOILERS < 100 mmBTU/HR

For heaters and boilers < 100 mmBTU/hr and > 40 mmBTU/hr that are controlled for NOx pursuant to Paragraph 13., and for all heaters and boilers < 100 mmBTU/hr that are included in any NOx or CO PAL, MAP shall use this appendix to monitor and demonstrate compliance.

I. NOx Monitoring for Controlled Heaters and Boilers < 100 mmBTU/hr

MAP shall either follow one of Methods 7-7E for NOx, or use a portable analyzer and follow the requirements of Conditional Test Method - 022 ("CTM-022"), in conjunction with 40 CFR Part 60 Appendix A, Method 19 to determine pounds per million BTU, to conduct 3 one-hour test runs to demonstrate compliance with the NOx emission limits in pounds per million BTU established pursuant to Paragraph 13. The test shall be conducted within 90 days of establishing the emission limit in the permit as required by Paragraph 13.

II. NOx and CO Monitoring for Establishing the Baseline and Demonstrating Compliance with the Cap for PALs for Heaters and Boilers < 100 mmBTU/hr

MAP shall follow one of Methods 7-7E for NOx and one of Methods 10-10B for CO, in conjunction with 40 CFR Part 60 Appendix A, Method 19 to determine pounds per million BTU, to establish the baseline and demonstrate compliance with the NOx and CO Caps established pursuant to Paragraph 26. The initial tests shall be conducted prior to submitting the application for the PAL pursuant to Paragraph 26. Thereafter, by March 31 of each calendar year, MAP shall conduct the annual test to establish the revised actual concentration to ensure continued compliance with the Cap

and by June 30 of each calendar year, MAP shall begin to use the revised actual concentration as the calendar daily average concentration in Appendix P.

III. NOx and CO Monitoring for Establishing the Baseline and Demonstrating Compliance with the Cap for PALs for Heaters and Boilers < 40 mmBTU/hr

MAP shall either follow one of Methods 7-7E for NOx and one of Methods 10-10B for CO, or use a portable analyzer and follow the requirements of Conditional Test Method - 022 ("CTM-022") for NOx and use the same procedures in CTM-022 for CO, in conjunction with 40 CFR Part 60 Appendix A, Method 19 to determine pounds per million BTU, to conduct 3 one-hour test runs to establish the baseline and demonstrate compliance with the NOx and CO Caps established pursuant to Paragraph 26. The initial tests shall be conducted prior to submitting the application for the PAL pursuant to Paragraph 26. Thereafter, by March 31 of each calendar year, MAP shall conduct the annual test to ensure continued compliance with the Cap and by June 30 of each calendar year, MAP shall begin to use the revised actual concentration as the calendar daily average concentration in Appendix P.