

APPENDIX B

On-Going QA Test Requirements for Ozone Season-Only Reporters

The following Table summarizes the on-going QA test requirements for sources that: (1) are eligible to report NO_x mass emissions data only during the ozone season, rather than year-round; and (2) elect to use that option. At present, this includes:

- Units that are subject only to the CAIR NO_x ozone season program; and
- Certain non-EGUs that were in the NO_x Budget Program, are not in CAIR, but still must continue reporting NO_x mass emissions data to document emissions reductions under the 1998 NO_x SIP Call.

**Table B-1: On-Going QA Test Requirements
for Ozone Season-Only Reporters**

Perform these QA tests....	On these monitoring systems....	At these times.....	With these qualifications and exceptions....
Daily calibrations (outside ozone season)	Gas and flow monitors	From the date and hour of any RATA or linearity check passed in the "pre-ozone season period" from January 1 through April 30 of current year	-----
Daily calibrations (inside ozone season)	Gas and flow monitors	Throughout the ozone season (5/1 through 9/30)	-----
Daily interference checks (outside ozone season)	Flow monitors	From the date and hour of any flow RATA passed in the pre-ozone season period from January 1 through April 30	-----
Daily interference checks (inside ozone season)	Flow monitors	Throughout the ozone season	-----
Linearity checks (outside ozone season)	Gas monitors	In April of the current year. This test satisfies the 2 nd quarter linearity check requirement.	<ul style="list-style-type: none"> • If the test is not completed by April 30th, it may be done in a 168 operating hour period of conditional data validation (CDV) starting with the first operating hour after April 30th.

Perform these QA tests....	On these monitoring systems....	At these times.....	With these qualifications and exceptions.....
Linearity checks (inside ozone season)	Gas monitors	In July	<ul style="list-style-type: none"> • If the 3rd quarter linearity check is not completed by July 31st, the test may be performed in a 168 operating hour period of CDV, starting with the first operating hour after July 31st. • If a 168 operating hour CDV period in which a <u>pre-season</u> linearity check is performed extends into the 3rd quarter, <u>and if</u> the test is not actually completed until 3rd quarter, the 3rd quarter linearity check requirement is waived.
RATA and Bias test	Gas and flow monitors (Bias test applies to NO _x and flow monitors, only)	In the pre-season, any time between January 1 and April 30 of the current year.	<ul style="list-style-type: none"> • If the RATA is not completed by April 30, it may be done in a 720 operating hour period of CDV, starting with the first operating hour after April 30th. • For most units, 2-load annual flow RATAs are required and a 3-load RATA is required once every 5 years (20 quarters) and whenever the flow monitor polynomial coefficients and/or K-factors are changed¹ • For flow monitors on peaking units and bypass stacks¹, only single-load flow RATAs are required
Flow-to-load ratio or gross heat rate test	Flow monitor	In 2 nd and 3 rd quarters	<ul style="list-style-type: none"> • Required only in QA operating quarters • Non load-based units exempted • Complex configurations may be exempted by petition under §75.66

¹ Under Section 6.5.2(e) of Appendix A to Part 75, or by special petition under §75.66, certain sources may either be exempted from performing 3-load flow RATAs, or may receive permission to perform only single-load flow RATAs.

Perform these QA tests....	On these monitoring systems....	At these times.....	With these qualifications and exceptions.....
Leak check	DP-type flow monitor	In 2 nd and 3 rd quarters	Required only in QA operating quarters ² , in accordance with Part 75, Appendix B, section 2.2.2
Flowmeter accuracy test	Fuel Flowmeter system	Once every four "fuel flowmeter QA operating quarters" ³	<ul style="list-style-type: none"> • Include calendar quarters outside the ozone season when determining the accuracy test deadline • For orifice, nozzle and venturi flowmeters, visual inspections are also required every 3 years • The optional fuel flow-to-load or gross heat rate test in section 2.1.7 of Appendix D may be performed in the 2nd and 3rd quarters to extend the interval between flowmeter accuracy tests, to up to 20 quarters. If this option is selected, automatic test deadline extensions are given for the 1st and 4th quarters.
NO _x emission rate testing	Appendix E systems	Once every 5 years (20 calendar quarters)	-----

² A "QA operating quarter" is a calendar quarter in which the unit operates for at least 168 hours

³ A "fuel flowmeter QA operating quarter" is a calendar quarter in which the type of fuel measured by the flowmeter is combusted in the unit for at least 168 hours.