





This Advisory is provided to inform you about activities of the District which may affect your operation. It intended to assist you in your effort to achieve and maintain compliance with applicable air pollution rules and regulations.

ATTENTION: OWNERS AND OPERATORS OF CONTINUOUS EMISSION MONITORS (CEM)


SUBJECT: REVISION TO SPAN GAS PROTOCOL

The National Bureau of Standards (NBS) span gases (calibration gases) currently required by Section 5.2, Volume V, of the BAAQMD Manual of Procedures (MOP), are no longer available. Continuous Emission Monitor span gases shall now be traceable to EPA Standards. The document "EPA Traceability Protocol for Assay and Certification of Compressed Gas Calibration Standards", EPA-600/R97/121, September 1997 Revision, includes span gas shelf-life guidelines that are to be followed instead of the MOP requirement to re-analyze every three months.

For additional information, please see the following:

-  For a copy of Volume V of the MOP, please visit the District Website at: http://www.baaqmd.gov/dst/mop/volume_5/vol5.pdf
-  The "EPA Traceability Protocol for Assay and Certification of Compressed Gas Calibration Standards" can be accessed at the following links:

Section 1 - Introduction	http://www.epa.gov/ttnemc01/news/sec1.pdf
Section 2 - EPA Traceability Protocol for Assay and Certification of Compressed Gas Calibration Standards	http://www.epa.gov/ttnemc01/news/sec2.pdf
Section 3 - EPA Traceability Protocol for Assay and Certification of Permeation Device Calibration Standards	http://www.epa.gov/ttnemc01/news/sec3.pdf
Section 4 - References	http://www.epa.gov/ttnemc01/news/sec4.pdf
Appendix A - Instructions for Calibration Workbook	http://www.epa.gov/ttnemc01/news/appdixa.pdf
Appendix B - Instruction for Permeation Rate Workbook	http://www.epa.gov/ttnemc01/news/appdixb.pdf
Appendix C - Calculation of Total Analytical Uncertainty	http://www.epa.gov/ttnemc01/news/appdixc.pdf
Appendix D - Matrix Notation	http://www.epa.gov/ttnemc01/news/appdixd.pdf

-  For questions regarding calibration of span gases contact Gary Fend, Supervising Air Quality Engineer, at (415) 749-4604 or email him at: g fend@baaqmd.gov.

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