

# Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air

EPA/625/R-96/010a

## ADDENDUM

Updated: September 1, 1999

The following supplemental information pertains to the various methods or other content included in the *Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air*. This information reports errata, corrections, or other comments that have been received following the publication of the *Compendium* and is provided for the benefit of *Compendium* users. This file will be updated as additional information is received; however, *the contents of this file should, in no way, be interpreted as a complete or exhaustive documentation of errors or deficiencies of the Compendium methods*. Method users are encouraged to report errors, comments, tips, or information that may be of benefit to other method users for reporting in this file. Such information should be reported in written form to Frank McElroy at [mcelroy.frank@epamail.epa.gov](mailto:mcelroy.frank@epamail.epa.gov) (fax # 919-541-1153).

Comments from Frank McElroy, U. S. EPA ([mcelroy.frank@epamail.epa.gov](mailto:mcelroy.frank@epamail.epa.gov)) 9/1/99:

Several methods in the *Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air* describe the use of specific commercial samplers or analyzers for measuring PM<sub>10</sub> in the ambient air. It should be noted that EPA has designated many different PM<sub>10</sub> samplers and analyzers as either reference or equivalent methods for PM<sub>10</sub> and that because of resource limitations, the *Compendium* does not attempt to cover them all. The Disclaimer in the *Compendium* indicates that description or mention of trade names or commercial products does not constitute endorsement or recommendation for use. As the following comment points out, all EPA-designated methods for PM<sub>10</sub> have been shown to meet minimum performance standards for PM<sub>10</sub> established by EPA in 40 CFR Part 53. Since the measurement principle employed and other features or aspects may differ among the various EPA-designated reference and equivalent methods for PM<sub>10</sub>, a sampler or analyzer other than those specifically described in a *Compendium* method may be advantageous to a specific application. Identification of all samplers and analyzers designated by EPA as reference or equivalent methods for PM<sub>10</sub> may be obtained from EPA's Technical Transfer Network / Ambient Monitoring Technology Information Center (AMTIC) Website at; [www.epa.gov/ttn/amtic/criteria.html](http://www.epa.gov/ttn/amtic/criteria.html).

Comments from Robert A. Gussman, BGI, Inc. ([bsk29@ibm.net](mailto:bsk29@ibm.net)) 8/31/99:

Under EPA designation for PM<sub>10</sub>, all instruments are equal. BGI offers two PM<sub>10</sub> samplers that are designated by EPA as reference methods but are not mentioned in the *Compendium*. Detailed operating information for BGI samplers, similar to that described in the *Compendium*, is contained in the BGI sampler instruction manuals, which may be downloaded from the BGI web site:

PQ 200 - <http://www.bgiusa.com/aam/pq200.htm>

PQ 100 - <http://www.bgiusa.com/aam/portable.htm>

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