

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:)	
)	
CLEAN-UP)	R09-019
AMENDMENTS TO 35 ILL.)	(Rulemaking - Air)
ADM. CODE PART 243)	

NOTICE

TO:

**John Therriault, Assistant Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601**

**Matthew Dunn, Division Chief
Environmental Enforcement/
Asbestos Litigation Division
Attorney General's Office
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Monica T. Rios
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3150 Roland Avenue
PO Box 5776
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PLEASE TAKE NOTICE that I have today filed with the Office of the Pollution Control Board the FIRST ERRATA SHEET of the Illinois Environmental Protection Agency a copy of which is herewith served upon you.

**ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY**

DATED: December 28, 2010
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544

By: /s/ Charles E. Matoesian
Charles E. Matoesian
Assistant Counsel
Division of Legal Counsel

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FIRST ERRATA SHEET OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

NOW COMES the Illinois Environmental Protection Agency (“Illinois EPA”), by and through its attorney Charles E. Matoesian, and submits this First Errata Sheet to its proposal for the amendment of 35 Ill. Adm. Code 243. The Illinois EPA proposes the following amendments to the text of the rules sent to First Notice by the Board on November 4, 2010:

- 1. Amend Section 243.106 to clarify the source of and form of the ambient air quality monitoring provisions.*

Section 243.106 Monitoring

Pollution levels will be determined by fixed or mobile sampling stations beyond the premises on which a source is located. Stations will be located according to ~~the~~ guidelines for ~~established monitoring networks~~ regulations for ambient air quality monitoring as promulgated developed by the United States Environmental Protection Agency at 40 CFR Part 58.

- 2. Amend Section 243.107 to add lead to list of pollutants requiring measurement.*

Section 243.107 Reference Conditions

All measurements of air quality, except PM_{2.5} and lead, are corrected to a reference temperature of 25° C, and to a reference pressure of 760 millimeters of mercury (1013.2 millibars). PM_{2.5} and lead measurements shall be based upon the actual ambient air volume measured at the actual temperature and pressure at the monitoring site during the measurement period.

- 3. Amend Section 243.108 to add several new items to the list of incorporations by reference.*

Section 243.108 Incorporations by Reference

The following materials are incorporated by reference. These incorporations do not include any

later amendments or editions:

- a) Pararosaniline method, 40 CFR 50, Appendix A (1982).
 - b) Hi-volume method, 40 CFR 50 Appendix B (1983).
 - ~~c~~b) Non-dispersive infrared spectrometry technique, 40 CFR 50, Appendix C (1982), 36 Fed. Reg. 22391, November 25, 1971.
 - ~~d~~e) Colorimetric method, 36 Fed. Reg. 22396, November 25, 1971.
 - ~~e~~d) Ozone-ethylene reaction method, 40 CFR 50, Appendix D (1982), 36 Fed. Reg. 22392, November 25, 1971.
 - f) Gas phase chemilumescwnce method, 40 CFR 50, Appendix F (1983).
 - ~~g~~e) Lead, 40 CFR 50, Appendices G and Q (2008).
 - ~~h~~f) Reference method for the determination of particulate matter as PM₋₁₀ in the atmosphere, 40 CFR 50, Appendix J (1990).
 - ~~i~~g) Interpretation of the national ambient air quality standards for particulate matter, 40 CFR 50, Appendix K, 73 Fed. Reg. 61144 (October 17, 2006).
 - ~~j~~h) Reference method for the determination of particulate matter as PM_{2.5} in the atmosphere, 40 CFR 50, Appendix L, 73 Fed. Reg. 61144 (October 17, 2006).
 - ~~k~~i) Interpretation of the national ambient air quality standards for PM_{2.5}, 40 CFR 50, Appendix N, 73 Fed. Reg. 1497 (January 9, 2008).
 - ~~l~~j) Interpretation of the NAAQS for O₃, 40 CFR 50, Appendix P, 73 Fed. Reg. 16436 (March 27, 2008).
 - ~~m~~k) National Ambient Air Quality standards for Lead; Final Rule, 40 CFR 50, 51, 53, and 58, 73 Fed. Reg. 66964 (November 12, 2008).
 - ~~n~~l) Interpretation of the National Ambient Air Quality Standards for Lead, 40 CFR 50, Appendix R, 73 Fed. Reg. 66964 (November 12, 2008).
4. *Amend Section 243.120 to amend the measurement method required, and the computation of such method, in subpart (b). The amendment clarifies subpart(c),and lists the methods and procedures in subpart (d). New methods of calculating the annual primary and secondary PM_{2.5} and 24-hour primary and secondary PM_{2.5} standards are added.*

Section 243.120 PM₁₀ and PM_{2.5}

- b) PM₁₀ Measurement Method. For determining conformance with the PM₁₀ ambient air quality standards, PM₁₀ shall be measured by the method described in 40 CFR 50 or an equivalent method designated in 40 CFR 53, Appendix J (incorporated by reference in Section 243.108). The standards are attained when the expected number of days per calendar year with a 24-hour average concentration above 150 micrograms per cubic meter is equal to or less than one, as determined in accordance with ~~The computations necessary for analyzing particulate matter data to determine attainment of the PM₁₀ standards are described in~~ 40 CFR 50, Appendix K (incorporated by reference in Section 243.108).
- c) PM_{2.5} Standards. The primary and secondary ambient air quality standards for PM_{2.5} are:
- 1) An annual arithmetic mean concentration of 15.0 micrograms per cubic meter; and as measured and determined in conformance with subsection (d) below.
 - 2) A maximum 24-hour concentration of 35 micrograms per cubic meter, at the 98th percentile value, and as measured and determined in conformance with subsection (d) below.
- d) Measurement Method for PM_{2.5}. For determining conformance with the PM_{2.5} ambient air quality standards, PM_{2.5} shall be measured by the method described in 40 CFR 50, Appendix L (incorporated by reference in Section 243.108). Compliance with the standards is determined using the methods and procedures ~~The computations necessary for analyzing particulate matter data to determine attainment of the PM_{2.5} standards are~~ described in 40 CFR 50, Appendix N (incorporated by reference in Section 243.108), or an equivalent method designated in 40 CFR 53.
- 1) The annual primary and secondary PM_{2.5} standards are met when the annual arithmetic mean concentration, as determined in accordance with 40 CFR 50, Appendix N, is less than or equal to 15.0 µg/m³.
 - 2) The 24-hour primary and secondary PM_{2.5} standards are met when the 98th percentile 24-hour concentration, as determined in accordance with 40 CFR 50, Appendix N, is less than or equal to 35 µg/m³.
5. *Amend Section 243.125 to explain when the primary and secondary ambient air quality standards for 8-hour ozone are met.*

Section 243.125 8-Hour Ozone

- a) Standard. The primary and secondary ambient air quality standards for ozone are 0.075 parts per million (ppm) daily maximum 8-hour average concentration, measured and determined in accordance with subsection (b) below.
- b) Measurement Method. ~~For determining conformance with the ozone air quality standard, ozone~~ Ozone shall be measured by a the reference method specified by 40 CFR Part 50, Appendix D, or equivalent method as described in 40 CFR Part 50, Section 50.1, all designated as prescribed by 40 CFR Part 53 (2003).; The primary and secondary ambient air quality standards are met when the average of the annual fourth-highest daily maximum 8-hour average ozone concentration is less than or equal to 0.075 ppm, as determined and the Interpretation of the NAAQS for O₃; using 40 CFR Part 50, Appendix P, (incorporated by reference in Section 243.108). 73 Fed. Reg. 16436 (March 27, 2008).

6. *Amend Section 243.126 to clarify the form of lead measured and the reference method used to do so.*

Section 243.126 Lead

- a) Standard. The primary and secondary ambient air quality standards for lead measured as elemental lead is 0.15 micrograms per cubic meter, maximum rolling three month average measured and determined over a three-year period.
- b) Measurement Method. For determining conformance with the ambient air quality standards for lead and its compounds, lead and its compounds shall be collected by the reference method specified in 40 CFR Part 58 Appendix B and measured by the atomic absorption spectrometry or equivalent method as described in 40 CFR 50 Appendices G and Q, as incorporated by reference in Section 243.108 of this Part. The primary and secondary ambient air quality standards shall be determined in accordance with Appendix R of Part 50 as incorporated by reference in Section 243.108 of this Part.

Respectfully submitted,
ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

/s/ Charles E. Matoesian
Charles E. Matoesian
Assistant Counsel

DATED: December 28, 2010
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PROOF OF SERVICE

I, the undersigned, an attorney, state that I have electronically served the attached FIRST ERRATA SHEET of the Illinois Environmental Protection Agency upon the persons to whom it is directed.

TO:

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