

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENT

- 1) Heading of the Part: Air Quality Standards
- 2) Code Citation: 35 Ill. Adm. Code 243
- 3) Section Number: 243.108 Proposed Action: Amendment
- 4) Statutory Authority: 415 ILCS 5/7.2, 10, and 27.
- 5) A Complete Description of the Subjects and Issues Involved: The following briefly describes the subjects and issues involved in this rulemaking. A comprehensive description is contained in the Board's opinion and order of February 8, 2018, proposing amendment in docket R18-15 for public comment, which opinion and order is available from the address below. As is explained in that opinion, the Board will receive public comment on the proposed amendment for 45 days from the date it appears in the *Illinois Register* before proceeding to adopt amendment based on this proposal.

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STATE OF ILLINOIS
Pollution Control Board

The R18-15 proceeding relates to the Illinois ambient air quality requirements in 35 Ill. Adm. Code 243 of the Illinois air pollution control rules. This amendment would update the Illinois ambient air quality requirements to correspond with amendments to the federal National Ambient Air Quality Standards (NAAQSs) that the United States Environmental Protection Agency (USEPA) adopted during the period July 1, 2017 through December 31, 2017. Board action now will obviate action in a subsequent rulemaking.

The Federal NAAQS are codified at 40 C.F.R. 50. During this period, USEPA amended implementation of its NAAQSs as follows:

September 25, 2017 (82 Fed. Reg. 44612)	USEPA designated three new FRMs for particulate matter (PM10), fine particulate matter (PM2.5), and coarse particulate matter (PM10-2.5) in ambient air. Board action on the December 15, 2017 updated version of USEPA's List of Designated Reference and Equivalent Methods will obviate separate action on this USEPA action.
October 2, 2017 (82 Fed. Reg. 45842)	USEPA designated one new FRM for carbon monoxide (CO) in ambient air. Board action on the December 15, 2017 updated version of USEPA's List of Designated Reference and Equivalent

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Methods will obviate separate action on this USEPA action.

December 15, 2017

USEPA issued an updated version of its List of Designated Reference and Equivalent Methods. The updated version includes the FRMs designated on September 25, 2017 and October 2, 2017. The Board must update the incorporation by reference in the Illinois rules to this version of the List. Doing so will obviate separate actions on the September 25, 2017 and October 2, 2017 methods designations.

The Board deviated from the literal text of the USEPA amendment by using incorporation by reference rather than listing the designated methods. The Board further updated incorporations by reference to *Code of Federal Regulations* provisions to the latest version available.

Tables appear in a document entitled "Identical-in-Substance Rulemaking Addendum (Proposed)" (IIS-RA(P)) that the Board added to docket R18-15 which list the limited revisions that are not based on current federal amendments. The tables contain the deviation from the literal text of the federal actions underlying this amendment, as well as updates to incorporations by reference to the *Code of Federal Regulations* that the Board made in the base text involved. Persons interested in the details of those corrections and amendments should refer to the IIS-RA(P) in docket R18-15.

Section 10(H) of the Environmental Protection Act [415 ILCS 5/10(H)] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to this rulemaking. Because this rulemaking is not subject to Section 5-35 of the APA, it is not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).

- 6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: None
- 7) Does this rulemaking replace any emergency rule currently in effect? No
- 8) Does this rulemaking contain an automatic repeal date? No
- 9) Does this rulemaking contain incorporations by reference? Yes

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- 10) Are there any other rulemakings pending on this Part? No
- 11) Statement of Statewide Policy Objective: These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805/3(b)].
- 12) Time, Place and Manner in which interested persons may comment on this rulemaking:
The Board will accept written public comment on this proposal for a period of 45 days after the date of this publication. Comments should reference docket R18-15 and be addressed to:

Don A. Brown, Clerk
Illinois Pollution Control Board
State of Illinois Center, Suite 11-500
100 W. Randolph St.
Chicago IL 60601

The Board will conduct one public hearing on the proposed amendment because it will ultimately result in submission to the United States Environmental Protection Agency of an amendment to the State Implementation Plan (SIP). Section 110(a)(2) of the Federal Clean Air Act (42 U.S.C. § 7410(a)(2) (2014)) requires reasonable notice and hearing before a state undertakes an amendment to the SIP. The public hearing will occur by videoconference at the following time and between the following locations:

1:30 p.m., April 22, 2018

Room 11-512
James R. Thompson Center
100 W. Randolph St.
Chicago IL 60601

and

Sangamo Building
Illinois Pollution Control Board Hearing Room
1021 North Grand Avenue
Springfield IL 62702

Comments should reference docket R18-15 and be addressed to:

POLLUTION CONTROL BOARD

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Don A. Brown, Clerk
Illinois Pollution Control Board
State of Illinois Center, Suite 11-500
100 W. Randolph St.
Chicago IL 60601

Please direct inquiries to the following person and reference docket R18-15:

Michael J. McCambridge
Staff Attorney
Illinois Pollution Control Board
100 W. Randolph 11-500
Chicago IL 60601

312/814-6924
e-mail: michael.mccambridge@illinois.gov

Request copies of the Board's opinion and order at 312/814-3620, or download a copy from the Board's Website at <http://www.ipcb.state.il.us>.

13) Initial Regulatory Flexibility Analysis:

- A) Types of small businesses, small municipalities, and not-for-profit corporations affected: This rulemaking may affect those small businesses, small municipalities, and not-for-profit corporations that emit pollutants that could potentially affect ambient air quality in any area of Illinois. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805/3(b)].
- B) Reporting, bookkeeping or other procedures required for compliance: The existing rules and proposed amendments require extensive reporting, bookkeeping and other procedures, including emissions monitoring, annual reports, and maintenance of operating records. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805/3(b)].
- C) Types of professional skills necessary for compliance: Compliance with the existing rules and proposed amendments may require the services of an attorney, certified public accountant, chemist, and registered professional engineer. These

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proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805/3(b)].

- 14) Regulatory agenda on which this rulemaking was summarized: January 2018.

The full text of the Proposed Amendment begins on the next page:

1 TITLE 35: ENVIRONMENTAL PROTECTION
2 SUBTITLE B: AIR POLLUTION
3 CHAPTER I: POLLUTION CONTROL BOARD
4 SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES

5
6 PART 243
7 AIR QUALITY STANDARDS

8
9 SUBPART A: GENERAL PROVISIONS

10
11 Section
12 243.101 Definitions
13 243.102 Scope
14 243.103 Applicability
15 243.104 Nondegradation (Repealed)
16 243.105 Air Quality Monitoring Data Influenced by Exceptional Events
17 243.106 Monitoring (Repealed)
18 243.107 Reference Conditions
19 243.108 Incorporations by Reference

20
21 SUBPART B: STANDARDS AND MEASUREMENT METHODS

22
23 Section
24 243.120 PM₁₀ and PM_{2.5}
25 243.121 Particulates (Repealed)
26 243.122 Sulfur Oxides (Sulfur Dioxide)
27 243.123 Carbon Monoxide
28 243.124 Nitrogen Oxides (Nitrogen Dioxide as Indicator)
29 243.125 Ozone
30 243.126 Lead
31
32 243.APPENDIX A Rule into Section Table (Repealed)
33 243.APPENDIX B Section into Rule Table (Repealed)
34 243.APPENDIX C Past Compliance Dates (Repealed)
35 243.TABLE A Schedule for Flagging and Documentation Submission for Data Influenced
36 by Exceptional Events for Use in Initial Area Designations (Repealed)

37
38 AUTHORITY: Implementing Sections 7.2 and 10 and authorized by Section 27 of the
39 Environmental Protection Act [415 ILCS 5/7.2, 10, and 27].

40
41 SOURCE: Adopted as Chapter 2: Air Pollution, Part III: Air Quality Standards, in R71-23,
42 filed and effective April 14, 1972; amended in R80-11, at 6 Ill. Reg. 5804, effective April 22,
43 1982; amended in R82-12, at 7 Ill. Reg. 9906, effective August 18, 1983; codified at 7 Ill. Reg.

44 13630; amended in R91-35 at 16 Ill. Reg. 8185, effective May 15, 1992; amended in R09-19 at
45 35 Ill. Reg. 18857, effective October 25, 2011; amended in R13-11 at 37 Ill. Reg. 12882,
46 effective July 29, 2013; amended in R14-6 at 37 Ill. Reg. 19848, effective November 27, 2013;
47 amended in R14-16 at 38 Ill. Reg. 12900, effective June 9, 2014; amended in R15-4 at 39 Ill.
48 Reg. 5434, effective March 24, 2015; amended in R16-2 at 40 Ill. Reg. 4906, effective March 3,
49 2016; amended in R17-1 at 41 Ill. Reg. 1121, effective January 23, 2017; amended in R17-10 at
50 41 Ill. Reg. 13413, effective October 23, 2017; amended in R18-15 at 42 Ill. Reg. _____,
51 effective _____.

52
53 **SUBPART A: GENERAL PROVISIONS**

54
55 **Section 243.108 Incorporations by Reference**

56
57 The following materials are incorporated by reference. These incorporations do not include any
58 later amendments or editions:

59
60 Government Printing Office (GPO), 732 Capitol Street NW, Washington, DC
61 20401 (telephone: 202-512-1800 or 866-512-1800; website: www.gpo.gov).
62 The following documents incorporated by reference are available from this
63 source:

64
65 Appendix A-1 to 40 CFR 50 (~~20172016~~) (Reference Measurement
66 Principle and Calibration Procedure for the Measurement of Sulfur
67 Dioxide in the Atmosphere (Ultraviolet Fluorescence Method)),
68 referenced in Section 243.122.

69
70 Appendix A-2 to 40 CFR 50 (~~20172016~~) (Reference Method for the
71 Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline
72 Method)), referenced in Section 243.122.

73
74 Appendix B to 40 CFR 50 (~~20172016~~) (Reference Method for the
75 Determination of Suspended Particulate Matter in the Atmosphere (High-
76 Volume Method)), referenced in appendix G to 40 CFR 50 (see below).

77
78 Appendix C to 40 CFR 50 (~~20172016~~) (Reference Measurement Principle
79 and Calibration Procedure for the Measurement of Carbon Monoxide in
80 the Atmosphere (Non-Dispersive Infrared Photometry)), referenced in
81 Section 243.123.

82
83 Appendix D to 40 CFR 50 (~~20172016~~) (Reference Measurement Principle
84 and Calibration Procedure for the Measurement of Ozone in the
85 Atmosphere), referenced in Section 243.125.
86

87 Appendix F to 40 CFR 50 (~~2017~~2016) (Reference Measurement Principle
88 and Calibration Procedure for the Measurement of Nitrogen Dioxide in the
89 Atmosphere (Gas Phase Chemiluminescence)), referenced in Section
90 243.124.
91
92 Appendix G to 40 CFR 50 (~~2017~~2016) (Reference Method for the
93 Determination of Lead in Suspended Particulate Matter Collected from
94 Ambient Air), referenced in Section 243.126.
95
96 Appendix H to 40 CFR 50 (~~2017~~2016) (Interpretation of the 1-Hour
97 Primary and Secondary National Ambient Air Quality Standards for
98 Ozone), referenced in Section 243.125.
99
100 Appendix I to 40 CFR 50 (~~2017~~2016) (Interpretation of the 8-Hour
101 Primary and Secondary National Ambient Air Quality Standards for
102 Ozone), referenced in Section 243.125.
103
104 Appendix J to 40 CFR 50 (~~2017~~2016) (Reference Method for the
105 Determination of Particulate Matter as PM₁₀ in the Atmosphere),
106 referenced in Section 243.120.
107
108 Appendix K to 40 CFR 50 (~~2017~~2016) (Interpretation of the Primary and
109 Secondary National Ambient Air Quality Standards for Particulate
110 Matter), referenced in Section 243.120.
111
112 Appendix L to 40 CFR 50 (~~2017~~2016) (Reference Method for the
113 Determination of Fine Particulate Matter as PM_{2.5} in the Atmosphere),
114 referenced in Section 243.120.
115
116 Appendix N to 40 CFR 50 (~~2017~~2016), as amended at 82 Fed. Reg. 14325
117 (Mar. 20, 2017) (Interpretation of the Primary and Secondary National
118 Ambient Air Quality Standards for Particulate Matter), referenced in
119 Section 243.120.
120
121 Appendix O to 40 CFR 50 (~~2017~~2016) (Reference Method for the
122 Determination of Coarse Particulate Matter as PM_{10-2.5} in the
123 Atmosphere), referenced in appendix Q to 40 CFR 50 and for use in
124 federally required monitoring by the NCore system pursuant to 40 CFR
125 58.
126
127 Appendix P to 40 CFR 50 (~~2017~~2016) (Interpretation of the Primary and
128 Secondary National Ambient Air Quality Standards for Ozone),
129 referenced in Section 243.125.

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Appendix Q to 40 CFR 50 (~~2017~~~~2016~~) (Reference Method for the Determination of Lead in Particulate Matter as PM₁₀ Collected from Ambient Air), referenced in appendix R to 40 CFR 50.

Appendix R to 40 CFR 50 (~~2017~~~~2016~~) (Interpretation of the National Ambient Air Quality Standards for Lead), referenced in Section 243.126.

Appendix S to 40 CFR 50 (~~2017~~~~2016~~) (Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Nitrogen (Nitrogen Dioxide)), referenced in Section 243.124.

Appendix T to 40 CFR 50 (~~2017~~~~2016~~) (Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Sulfur (Sulfur Dioxide)), referenced in Section 243.122.

Appendix U to 40 CFR 50 (~~2017~~~~2016~~) (Interpretation of the Primary National Ambient Air Quality Standards for Ozone), referenced in Section 243.125.

Clean Air Act, 42 USC 7401 et seq. (~~2016~~~~2013~~) (for definitions of terms only), referenced in Section 243.102.

BOARD NOTE: Segments of the Code of Federal Regulations and the United States Code are available for free download as PDF documents from the GPO FDsys website: <http://www.gpo.gov/fdsys/>.

USEPA, National Exposure Research Laboratory, Human Exposure & Atmospheric Sciences Division (MD-D205-03), Research Triangle Park, NC 27711. The following documents incorporated by reference are available from this source:

"List of Designated Reference and Equivalent Methods" (~~December 16, 2017~~~~June 16, 2017~~) (referred to as the "List of Designated Methods" and referenced in Sections 243.101, 243.120, 243.122, 243.123, 243.124, 243.125, and 243.126.

BOARD NOTE: The List of Designated Methods is available for free download as a PDF document from the USEPA, Technology Transfer, Ambient Monitoring Technology Information Center website: <http://www.epa.gov/ttn/amtic/criteria.html>.

(Source: Amended at 42 Ill. Reg. _____, effective _____)

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER 1: AIR QUALITY STANDARDS AND EPISODES

PART 243
AIR QUALITY STANDARDS

SUBPART A: GENERAL PROVISIONS

Section
243.101 Definitions
243.102 Scope
243.103 Applicability
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243.105 Air Quality Monitoring Data Influenced by Exceptional Events
243.106 Monitoring (Repealed)
243.107 Reference Conditions
243.108 Incorporations by Reference

SUBPART B: STANDARDS AND MEASUREMENT METHODS

Section
243.120 PM10 and PM2.5
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Influenced by Exceptional Events for Use in Initial Area Designations
(Repealed)

AUTHORITY: Implementing Sections 7.2 and 10 and authorized by Section
27 of the Environmental Protection Act [415 ILCS 5/7.2, 10, and 27].

SOURCE: Adopted as Chapter 2: Air Pollution, Part III: Air Quality
Standards, in R71-23, filed and effective April 14, 1972; amended in
R80-11, at 6 Ill. Reg. 5804, effective April 22, 1982; amended in
R82-12, at 7 Ill. Reg. 9906, effective August 18, 1983; codified at 7
Ill. Reg. 13630; amended in R91-35 at 16 Ill. Reg. 8185, effective May
15, 1992; amended in R09-19 at 35 Ill. Reg. 18857, effective October 25,
2011; amended in R13-11 at 37 Ill. Reg. 12882, effective July 29, 2013;
amended in R14-6 at 37 Ill. Reg. 19848, effective November 27, 2013;
amended in R14-16 at 38 Ill. Reg. 12900, effective June 9, 2014; amended
in R15-4 at 39 Ill. Reg. 5434, effective March 24, 2015; amended in
R16-2 at 40 Ill. Reg. 4906, effective March 3, 2016; amended in R17-1 at

Appendix I to 40 CFR 50 (2017) ~~(2016)~~ (Interpretation of the 8-Hour Primary and Secondary National Ambient Air Quality Standards for Ozone), referenced in Section 243.125.

Appendix J to 40 CFR 50 (2017) ~~(2016)~~ (Reference Method for the Determination of Particulate Matter as PM10 in the Atmosphere), referenced in Section 243.120.

Appendix K to 40 CFR 50 (2017) ~~(2016)~~ (Interpretation of the Primary and Secondary National Ambient Air Quality Standards for Particulate Matter), referenced in Section 243.120.

Appendix L to 40 CFR 50 (2017) ~~(2016)~~ (Reference Method for the Determination of Fine Particulate Matter as PM2.5 in the Atmosphere), referenced in Section 243.120.

Appendix N to 40 CFR 50 (2017) ~~(2016)~~, as amended at 82 Fed. Reg. 14325 (Mar. 20, 2017) (Interpretation of the Primary and Secondary National Ambient Air Quality Standards for Particulate Matter), referenced in Section 243.120.

Appendix O to 40 CFR 50 (2017) ~~(2016)~~ (Reference Method for the Determination of Coarse Particulate Matter as PM10-2.5 in the Atmosphere), referenced in appendix Q to 40 CFR 50 and for use in federally required monitoring by the NCore system pursuant to 40 CFR 58.

Appendix P to 40 CFR 50 (2017) ~~(2016)~~ (Interpretation of the Primary and Secondary National Ambient Air Quality Standards for Ozone), referenced in Section 243.125.

Appendix Q to 40 CFR 50 (2017) ~~(2016)~~ (Reference Method for the Determination of Lead in Particulate Matter as PM10 Collected from Ambient Air), referenced in appendix R to 40 CFR 50.

Appendix R to 40 CFR 50 (2017) ~~(2016)~~ (Interpretation of the National Ambient Air Quality Standards for Lead), referenced in Section 243.126.

Appendix S to 40 CFR 50 (2017) ~~(2016)~~ (Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Nitrogen (Nitrogen Dioxide)), referenced in Section 243.124.

Appendix T to 40 CFR 50 (2017) ~~(2016)~~ (Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Sulfur (Sulfur Dioxide)), referenced in Section 243.122.

Appendix U to 40 CFR 50 (2017) ~~(2016)~~ (Interpretation of the Primary National Ambient Air Quality Standards for Ozone), referenced in Section 243.125.

Clean Air Act, 42 USC 7401 et seq. (2016) ~~(2013)~~ (for definitions of terms only), referenced in Section 243.102.

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Description	35-243-r01(issue 8)
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Legend:	
<u>Insertion</u>	
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Padding cell	

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