

Title 129 - Nebraska Air Quality Regulations

Chapter 4 - AMBIENT AIR QUALITY STANDARDS

The ambient air quality standards for the State of Nebraska are:

001 Particulate Matter

001.01 PM₁₀

Primary and secondary standards

150 micrograms per cubic meter

24 hour average with not more than one exceedance per year

(Attainment of these standards are determined in accordance with Appendix K of 40 CFR Part 50 which is adopted and incorporated herein).

001.02 PM_{2.5}

Primary and secondary standards

15.0 micrograms per cubic meter annual arithmetic mean

35 micrograms per cubic meter 24 hour average

(Attainment of these standards is determined in accordance with Appendix N of 40 CFR Part 50 which is adopted and incorporated herein).

002 Sulfur dioxide

002.01 Primary standards

80 micrograms per cubic meter (0.03 ppm) annual arithmetic mean

365 micrograms per cubic meter (0.14 ppm) maximum 24-hour concentration not to be exceeded more than once a year

002.02 Secondary standard

1300 micrograms per cubic meter (0.5 ppm) as a 3-hour concentration not to be exceeded more than once a year

003 Nitrogen dioxide

Primary and secondary standards

100 micrograms per cubic meter (0.05 ppm) annual arithmetic mean

Chapter 4

004 Carbon monoxide

Primary and secondary standards

10 milligrams per cubic meter (9.0 ppm) as a maximum 8-hour concentration not to be exceeded more than once a year

40 milligrams per cubic meter (35 ppm) as a maximum 1-hour concentration not to be exceeded more than once a year

005 Ozone

Primary and secondary standard

235 micrograms per cubic meter (0.12 ppm) as a maximum 1-hour concentration not to be exceeded more than one day a year

(Attainment of this standard is determined in accordance with Appendix H of 40 CFR Part 50; which is adopted and incorporated herein).

Primary and secondary standard

0.08 parts per million (0.08 ppm) as a daily maximum 8-hour average concentration

(Attainment of this standard is determined in accordance with Appendix I of 40 CFR Part 50; which is adopted and incorporated herein).

006 Lead

Primary and secondary standard

1.5 micrograms per cubic meter calendar quarter arithmetic mean

Enabling Legislation: Neb. Rev. Stat. §§81-1504(1)(2), 81-1505(1)(12)

Legal Citation: Title 129, Ch. 4, Nebraska Department of Environmental Quality

EPA Rulemakings

CFR: 40 C.F.R. 52.1420(c)
 FRM: 80 FR 51952 (08/27/2015)
 PRM: 80 FR 30404 (05/28/2015)
 State Submission: 4/29/2008
 State Final:
 APDB File: NE-71, NE-73, NE-82
 Description: This revision repeals the annual NAAQS for PM 10 and adopts the federal 24-hour NAAQS for PM_{2.5}. The standard was reduced from 65 to 35 micrograms per cubic meter by EPA on December 18, 2006.

CFR: 40 C.F.R. 52.1420(c)
 FRM: 68 FR 40528 (07/08/2003)
 PRM: 68 FR 40617 (07/08/2003)
 State Submission: 05/10/2002 and 11/05/2002
 State Final: 04/01/2002 and 07/10/2002
 APDB File: NE-54 and NE-57
 Description: This revision approved the adoption of new standards for fine particulate matter (PM_{2.5}) and ozone and also the data interpretation procedures of Appendix I and Appendix N of 40 CFR part 50 for ozone and particulate matter.

CFR: 40 C.F.R. 52.1420(c)(41)
 FRM: 60 FR 372 (01/04/95)
 PRM: 60 FR 418 (01/04/95)
 State Submission: 2/16/94
 State Proposal: 12/17/93
 State Final: 6/26/94
 APDB File: NE-31
 Description: The EPA approved the renumbering of this rule as part of the overall recodification of the Nebraska rules. The rule was previously Chapter 3. The standards for total suspended particulate matter were deleted.

Note: All previous versions of the rule are obsolete; the record of prior rulemakings is shown below for historical purpose only.

CFR: 40 C.F.R. 52.1420(c)(39)
 FRM: 56 FR 50515 (10/7/91)
 PRM: None
 State Submission: 3/8/91
 State Proposal: 12/7/90
 State Final: 2/20/91
 APDB File: NE-30
 Description: The EPA approved a revision as part of an update of a number of regulations. The state deleted the word "national" from the definition of air quality standards because the state still enforces a particulate matter standard.

CFR: 40 C.F.R. 52.1420(c)(37)
 FRM: 54 FR 21059 (5/16/89)
 PRM: None
 State Submission: 6/15/88
 State Proposal: 2/5/88
 State Final: 6/5/88
 APDB File: NE-21
 Description: The EPA approved this rule as Chapter 3 as part of an action to update the entire set of regulations in the Nebraska SIP. The state's revisions included the addition of a PM₁₀ standard, lead standard, a method for ozone determination, and deletion of the hydrocarbon standard.

Difference Between the State and EPA-Approved Regulation

Section 007, Total reduced sulfur, is not SIP approved.