

NEBRASKA ADMINISTRATIVE CODE

Title 129 - Department of Environmental Quality

Chapter 2 - DEFINITION OF MAJOR SOURCE

001 Hazardous Air Pollutants. A major source of hazardous air pollutants is defined as:

001.01 For pollutants other than radionuclides, any stationary source or any group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit, in the aggregate, 10 tons per year (tpy) or more of any hazardous air pollutant listed in Appendix II, 25 tpy or more of any combination of such hazardous air pollutants, or such lesser quantity as the Administrator of EPA may establish by rule. Notwithstanding the preceding sentence, emissions from any oil or gas exploration or production well (with its associated equipment) and emissions from any pipeline compressor or pump station shall not be aggregated with emissions from other similar units, whether or not such units are in a contiguous area or under common control, to determine whether such units or stations are major sources for hazardous air pollutants. All fugitive emissions must be considered in determining whether a stationary source is a major source.

001.02 For radionuclides, "major source" shall have the meaning specified by the Administrator of EPA by rule.

002 Except as otherwise expressly provided herein, for all other regulated air pollutants, a major stationary source of air pollutants is defined as follows:

002.01 ~~one that~~ Any stationary source of air pollutants that directly emits or has the potential to emit, 100 tpy or more of any regulated air pollutant (including any major source of fugitive emissions of any such pollutant, as determined by rule by the Administrator of EPA).

002.02 Beginning July 1, 2011, any stationary source that meets the criteria in 002.01 for GHGs on a mass basis and emits or has the potential to emit 100,000 tons per year or more CO₂e.

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002.03 The fugitive emissions of a stationary source shall not be considered in determining whether it is a major stationary source for the purposes of this subsection, unless the source belongs to one of the following categories of stationary source:

002.013A Coal cleaning plants (with thermal dryers);

002.023B Kraft pulp mills;

002.03C Portland cement plants;

002.043D Primary zinc smelters;

002.053E Iron and steel mills;

002.063F Primary aluminum ore reduction plants;

002.073G Primary copper smelters;

002.083H Municipal incinerators capable of charging more than 250 tons of refuse per day;

002.093I Hydrofluoric, sulfuric, or nitric acid plants;

002.103J Petroleum refineries;

002.113K Lime plants;

002.123L Phosphate rock processing plants;

002.133M Coke oven batteries;

002.143N Sulfur recovery plants;

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002.1503O Carbon black plants (furnace process);

002.1603P Primary lead smelters;

002.1703Q Fuel conversion plants;

002.1803R Sintering plants;

002.1903S Secondary metal production plants;

002.2003T Chemical process plants – The term chemical processing plant shall not include ethanol production facilities that produce ethanol by natural fermentation included in North American Industry Classification System (NAICS) codes 325193 or 312140;

002.2103U Fossil-fuel boilers (or combination thereof) totaling more than 250 million British thermal units per hour heat input;

002.2203V Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;

002.2303W Taconite ore processing plants;

002.2403X Glass fiber processing plants;

002.2503Y Charcoal production plants;

002.2603Z Fossil-fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input; or

002.2703AA Any other stationary source category which is being regulated by a standard promulgated under Section 111 or 112 of the Act, as of August 7, 1980.

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003 A major stationary source of air pollutants is defined as one which emits, or has the potential to emit 5 tons per year or more of lead.

004 Any physical change that would occur at a stationary source not otherwise qualifying as a major stationary source, shall be considered a major stationary source, if the change by itself would constitute a major stationary source.

005 A major stationary source that is major for volatile organic compounds shall be considered major for ozone.

006 A major stationary source for purposes of Chapter 17, section 013 includes:

006.01 For ozone nonattainment areas, sources with the potential to emit 100 tpy or more of volatile organic compounds or oxides of nitrogen in areas classified as "marginal" or "moderate," 50 tpy or more in areas classified as "serious," 25 tpy or more in areas classified as "severe," and 10 tpy or more in areas classified as "extreme"; except that the references in this paragraph to 100, 50, 25, and 10 tpy of nitrogen oxides shall not apply with respect to any source for which the Administrator of EPA has made a finding, under section 182(f)(1) or (2) of the Act, that requirements under section 182(f) of the Act do not apply;

006.02 For ozone transport regions established pursuant to section 184 (control of ozone or interstate ozone pollution) of the Act, sources with the potential to emit 50 tpy or more of volatile organic compounds;

006.03 For carbon monoxide nonattainment areas:

006.03A That are classified as "serious," and

006.03B In which stationary sources contribute significantly to carbon monoxide levels as determined under rules issued by the Administrator of EPA, sources with the potential to emit 50 tpy or more of carbon monoxide; and

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006.04 For particulate matter (PM₁₀) nonattainment areas classified as "serious," sources with the potential to emit 70 tpy or more of PM₁₀.

007 Major source, for purposes of Class I operating permits, means any stationary source (or group of stationary sources that are located on one or more contiguous or adjacent properties, and are under common control of the same person (or persons under common control)) belonging to a single major industrial grouping and that are described in paragraph 001, 002, 003, 004, 005, 006, 008 or 009 of this definition. For the purposes of defining "major source", a stationary source or group of stationary sources shall be considered part of a single industrial grouping if all of the pollutant emitting activities at such source or group of sources on contiguous or adjacent properties belong to the same major group (i.e., all have the same two-digit code) as described in the Standard Industrial Classification Manual, 1987.

008 Major stationary source, for the purposes of the Prevention of Significant Deterioration of Air Quality Program (PSD), includes the sources described in sections 008.01 through 008.034. Sources in the categories listed in sections 002.0+3A through 002.2703AA must include fugitive emissions in determining major source status.

008.01 Any of the following stationary sources which emits, or has the potential to emit, 100 tons per year or more of any regulated NSR pollutant: fossil fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input, coal cleaning plants (with thermal dryers), kraft pulp mills, Portland cement plants, primary zinc smelters, iron and steel mill plants, primary aluminum ore reduction plants (with thermal dryers), primary copper smelters, municipal incinerators capable of charging more than 250 tons of refuse per day, hydrofluoric, sulfuric, and nitric acid plants, petroleum refineries, lime plants, phosphate rock processing plants, coke oven batteries, sulfur recovery plants, carbon black plants (furnace process), primary lead smelters, fuel conversion plants, sintering plants, secondary metal production plants, chemical process plants (which does not include ethanol production facilities that produce ethanol

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by natural fermentation included in North American Industry Classification System (NAICS) codes 325193 or 312140), fossil fuel boilers (or combinations thereof) totaling more 250 million British thermal units per hour heat input, petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels, taconite ore processing plants, glass fiber processing plants, and charcoal production plants.

008.02 Notwithstanding the stationary source size specified in section 008.01, any stationary source which emits, or has the potential to emit, 250 tons per year or more of a regulated NSR pollutant, or

008.03 Sources fitting the descriptions in sections 004 or 005, or

008.04 Beginning July 1, 2011, any stationary source that meets the criteria in 008.01 or 008.02 for GHGs on a mass basis and emits or has the potential to emit 100,000 tons per year or more CO₂e.

009 Major source of particulate matter, for purposes of Class I operating permits, shall be determined based on the potential to emit PM₁₀.

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