

R307. Environmental Quality, Air Quality.

R307-420. Permits: Ozone Offset Requirements in Davis and Salt Lake Counties.

R307-420-1. Purpose.

The purpose of R307-420 is to maintain the offset provisions of the nonattainment area new source review permitting program in Salt Lake and Davis Counties after the area is redesignated to attainment for ozone. R307-420 also establishes more stringent offset requirements for nitrogen oxides that may be triggered as a contingency measure under the ozone maintenance plan.

R307-420-2. Definitions.

Except as provided in R307-420-2, the definitions in R307-403-1 apply to R307-420.

"Major Source" means:

(1)(a) any stationary source of air pollutants which emits, or has the potential to emit, fifty tons per year or more of volatile organic compounds; or

(b) any stationary source of air pollutants which emits, or has the potential to emit, one hundred tons per year or more of nitrogen oxides; or

(c) any physical change that would occur at a source not qualifying under (1)(a) or (b) as a major source, if the change would constitute a major source by itself.

(2) The fugitive emissions of a stationary source shall not be included in determining whether it is a major stationary source, unless the source belongs to one of the following categories of stationary sources:

- (a) Coal cleaning plants (with thermal dryers);
- (b) Kraft pulp mills;
- (c) Portland cement plants;
- (d) Primary zinc smelters;
- (e) Iron and steel mills;
- (f) Primary aluminum ore reduction plants;
- (g) Primary copper smelters;
- (h) Municipal incinerators capable of charging more than 250 tons of refuse per day;
- (i) Hydrofluoric, sulfuric, or nitric acid plants;
- (j) Petroleum refineries;
- (k) Lime plants;
- (l) Phosphate rock processing plants;
- (m) Coke oven batteries;
- (n) Sulfur recovery plants;
- (o) Carbon black plants (furnace process);
- (p) Primary lead smelters;
- (q) Fuel conversion plants;
- (r) Sintering plants;
- (s) Secondary metal production plants;
- (t) Chemical process plants;
- (u) Fossil-fuel boilers (or combination thereof) totaling more than 250 million British Thermal Units per hour heat input;
- (v) Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
- (w) Taconite ore processing plants;
- (x) Glass fiber processing plants;
- (y) Charcoal production plants;
- (z) Fossil fuel-fired steam electric plants of more than 250 million British Thermal Units per hour heat input;

(aa) Any other stationary source category which, as of August 7, 1980, is being regulated under 42 U.S.C. 7411 or 7412 (section 111 or 112 of the federal Clean Air Act).

"Significant" means, for the purposes of determining what is a significant emission increase or a significant net emission increase and therefore a major modification, a rate of emissions that would equal or exceed any of the following rates:

- (1) for volatile organic compounds, 25 tons per year,
- (2) for nitrogen oxides, 40 tons per year.

R307-420-3. Applicability.

(1) Nitrogen Oxides. Effective August 18, 1997, any new major source or major modification of nitrogen oxides in Davis County or Salt Lake County shall offset the proposed increase in nitrogen oxide emissions by a ratio of 1.15:1 before the director may issue an approval order to construct, modify, or relocate under R307-401.

(2) Volatile Organic Compounds. Effective December 2, 1998 any new major source or major modification of volatile organic compounds in Davis County or Salt Lake County shall offset the proposed increase in volatile organic compound emissions by a ratio of 1.2:1 before the director may issue an approval order to construct, modify, or relocate under R307-401.

(3) The applicability provisions in R307-403-2(1)(a) through (f) and R307-403-2(2) through (7) apply in R307-420 for the limited purpose of determining whether a modification is a major modification for volatile organic compounds or nitrogen oxides. Emissions of other regulated air pollutants shall not be considered in this determination.

R307-420-4. General Requirements.

(1) All emission offsets shall meet the general requirements for calculating and banking emission offsets that are established in R307-403-4, R307-403-7 and R307-403-8.

(2) Emission offset credits generated in Davis County or Salt Lake County may be used in either county.

(3) Offsets may not be traded between volatile organic compounds and nitrogen oxides.

R307-420-5. Contingency Measure: Offsets for Oxides of Nitrogen.

If the nitrogen oxide offset contingency measure described in Section IX, Part D.2.h(3) of the state implementation plan is triggered, the following conditions shall apply in Davis County and Salt Lake County.

(1) Paragraph (1)(b) in the term "major source," which is defined in R307-420-2, shall be changed to read: any stationary source of air pollutants which emits, or has the potential to emit, fifty tons per year or more of nitrogen oxides.

(2) The nitrogen dioxide level that is included in the term "significant," which is defined in R307-420-2, shall be changed from 40 tons per year to 25 tons per year.

(3) The emission offset ratio shall be 1.2:1 for nitrogen oxides.

KEY: air pollution, ozone, offset

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