R307. Environmental Quality, Air Quality.
R307-405. Permits: Major Sources in Attainment or Unclassified Areas (PSD).
R307-405-3. Definitions.

(1) Except as provided in (2) below, the definitions contained in 40 CFR 52.21(b) are hereby incorporated by reference.

(2)(a)(i) "Major Source Baseline Date" means:

(A) in the case of particulate matter:

(I) for Davis, Salt Lake, Utah and Weber Counties, the date that EPA approves the PM10 maintenance plan that was adopted by the Board on July 6, 2005;

(II) for all other areas of the State, January 6, 1975;

(B) in the case of sulfur dioxide:

(I) for Salt Lake County, the date that EPA approves the sulfur dioxide maintenance plan that was adopted by the Board on January 5, 2005;

(II) for all other areas of the State, January 6, 1975; and

(C) in the case of nitrogen dioxide, February 8, 1988.

(ii) "Minor Source Baseline Date" means the earliest date after the trigger date on which a major stationary source or a major modification subject to 40 CFR 52.21 or R307-405 submits a complete application under the relevant regulations. The trigger date is:

(A) In the case of particulate matter and sulfur dioxide, August 7, 1977, and

(B) in the case of nitrogen dioxide, February 8, 1988.

(iii) The baseline date is established for each pollutant for which increments or other equivalent measures have been established if:

(A) the area in which the proposed source or modification would construct is designated as attainment or unclassifiable under section 107(d)(i)(D) or (E) of the Act for the pollutant on the date of its complete application under 40 CFR 52.21 or R307-405; and

(B) in the case of a major stationary source, the pollutant would be emitted in significant amounts, or, in the case of a major modification, there would be a significant net emissions increase of the pollutant.

(iv) Any minor source baseline date established originally for the TSP increments shall remain in effect and shall apply for purposes of determining the amount of available PM10 increments, except that the executive secretary shall rescind a minor source baseline date where it can be shown, to the satisfaction of the executive secretary, that the emissions increase from the major stationary source, or net emissions increase from the major modification, responsible for triggering that date did not result in a significant amount of PM10 emissions.

(b) In the definition of "baseline area" in 40 CFR 52.21(b)(15)(ii)(b) insert the words "or R307-405" after "Is subject to 40 CFR 52.21".

(c) "Reviewing Authority" means the executive secretary.

(d)(i) The term "Administrator" shall be changed to "executive secretary" throughout R307-405, except as provided in (ii).

(ii) The term "Administrator" shall be changed to "EPA Administrator" in the following incorporated sections:

(A) 40 CFR 52.21(b)(17),
(B) 40 CFR 52.21(b)(37)(i),
(C) 40 CFR 52.21(b)(43),
(D) 40 CFR 52.21(b)(48)(ii)(c),
(E) 40 CFR 52.21(b)(50)(i),
(F) 40 CFR 52.21(l)(2),
(G) 40 CFR 52.21(p)(2), and
(H) 40 CFR 51.166(q)(2)(iv).

(e) The following definitions or portions of definitions that apply to the equipment repair and replacement provisions are not incorporated because these provisions were vacated by the DC Circuit Court of Appeals on March 17, 2006:

(i) in the definition major modification in 40 CFR 52.21(b)(2), the second sentence in subparagraph (iii)(a),

(ii) the definition of "process unit" in 40 CFR 52.21(b)(55),

(iii) the definition of "functionally equivalent component" in 40 CFR 52.21(b)(56),

(iv) the definition of "fixed capital cost" in 40 CFR 52.21 (b)(57), and

(v) the definition of "total capital investment" in 40 CFR 52.21(b)(58).

(f) In the definition of "Regulated NSR pollutant" in 40 CFR 52.21(b)(50), subparagraph (iv) shall be changed to read, "Any pollutant that otherwise is subject to regulation under the Act." A new subparagraph (v) shall be added that reads, "The term regulated NSR pollutant shall not include any or all hazardous air pollutants either listed in section 112 of the federal Clean Air Act, or added to the list pursuant to section 112(b)(2) of the federal Clean Air Act, and which have not been delisted pursuant to section 112(b)(3) of the federal Clean Air Act, unless the listed hazardous air pollutant is also regulated as a constituent or precursor of a general pollutant listed under section 108 of the federal Clean Air Act."

(3) "Air Quality Related Values," as used in analyses under 40 CFR 52.21 (p) that is incorporated by reference in R307-405-17, means those special attributes of a Class I area, assigned by a federal land manager, that are adversely affected by air quality.

(4) "Heat input" means heat input as defined in 40 CFR 52.01(g), that is hereby incorporated by reference.

(5) "Title V permit" means any permit or group of permits covering a Part 70 source that is issued, renewed, amended, or revised pursuant to R307-415.

(6) "Title V Operating Permit Program" means R307-415.

(7) The definition of "Good Engineering Practice (GEP) Stack Height" as defined in R307-410 shall apply in this rule.

(8) The definition of "Dispersion Technique" as defined in R307-410 shall apply in this rule.

(9) "Subject to regulation" means, for any air pollutant, that the pollutant is subject to either a provision in

the federal Clean Air Act, or a nationally-applicable regulation codified by the Administrator in subchapter C of 40 CFR Chapter I, that requires actual control of the quantity of emissions of that pollutant, and that such a control requirement has taken effect and is operative to control, limit or restrict the quantity of emissions of that pollutant released from the regulated activity. Except that:

(a) "Greenhouse gases (GHGs)," the air pollutant defined in 40 CFR 86.1818-12(a) (Federal Register, Vol. 75, Page 25686) as the aggregate group of six greenhouse gases: carbon dioxide, nitrous oxide, methane, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride, shall not be subject to regulation except as provided in paragraphs (d) through (e) of this section.

(b) For purposes of paragraphs (c) through (e) of this section, the term "tons per year (tpy) CO2 equivalent emissions (CO2e)" shall represent an amount of GHGs emitted, and shall be computed as follows:

(i) Multiplying the mass amount of emissions (tpy), for each of the six greenhouse gases in the pollutant GHGs, by the gas's associated global warming potential published at Table A-1 to subpart A of 40 CFR Part 98 - Global Warming Potentials, that is hereby incorporated by reference (Federal Register, Vol. 74, Pages 56395-96).

(ii) Sum the resultant value from paragraph (b)(i) of this section for each gas to compute a tpy CO2e.

(c) The term "emissions increase" as used in paragraphs (d) through (e) of this section shall mean that both a significant emissions increase (as calculated using the procedures in 40 CFR 52.21 (a)(2)(iv) that is incorporated by reference in R307-405-2) and a significant net emissions increase (as defined in paragraphs 40 CFR 52.21(b)(3) and (b)(23) that is incorporated by reference in R307-405-3) occur. For the pollutant GHGs, an emissions increase shall be based on tpy CO2e, and shall be calculated assuming the pollutant GHGs is a regulated NSR pollutant, and "significant" is defined as 75,000 tpy CO2e instead of applying the value in paragraph 40 CFR 52.21(b)(23)(ii).

(d) Beginning January 2, 2011, the pollutant GHGs is subject to regulation if:

(i) The stationary source is a new major stationary source for a regulated NSR pollutant that is not GHGs, and also will emit or will have the potential to emit 75,000 tpy CO2e or more; or

(ii) The stationary source is an existing major stationary source for a regulated NSR pollutant that is not GHGs, and also will have an emissions increase of a regulated NSR pollutant, and an emissions increase of 75,000 tpy CO2e or more; and,

(e) Beginning July 1, 2011, in addition to the provisions in paragraph (d) of this section, the pollutant GHGs shall also be subject to regulation:

(i) At a new stationary source that will emit or have the potential to emit 100,000 tpy CO2e; or

(ii) At an existing stationary source that emits or has the potential to emit 100,000 tpy CO2e, when such stationary source undertakes a physical change or change in the method of operation that will result in an emissions increase of 75,000 tpy CO2e or more.

KEY: air pollution, PSD, Class I area, greenhouse gases
Date of Enactment or Last Substantive Amendment: January 1, 2011
Notice of Continuation: February 5, 2009
Authorizing, and Implemented or Interpreted Law: 19-2-104