

Rule 1700

Prevention of Significant Deterioration (PSD)

(A) General

(1) Purpose

- (a) The purpose of this Rule is to:
 - (i) Set forth the requirements for preconstruction review of all new Major PSD Facilities and Major PSD Modifications which emit or have the potential to emit a PSD Air Pollutant; and
 - (ii) Incorporate applicable provisions of the Federal Prevention of Significant Deterioration (PSD) Rule as found in 40 CFR 52.21 by reference; and
 - (iii) Ensure that the construction or modification of Facilities subject to this Rule comply with the provisions of 40 CFR 52.21 as incorporated by reference in this Rule.

(2) Applicability

- (a) This Rule is applicable to any Facility and the owner/operator of any Facility subject to any requirement pursuant to 40 CFR 52.21 as incorporated by reference in this Rule.
- (b) The provisions of this Rule apply to emissions or potential emissions of PSD Air Pollutants and their precursors as defined in subsection (B) below.
- (c) The provisions of this Rule, specifically 40 CFR 52.21(j)-(r) as incorporated by reference below shall not apply to a Major PSD facility or Major PSD Modification with respect to a particular pollutant if the Major PSD Facility or Major PSD Modification is located in an area designated as nonattainment pursuant to 40 CFR 81.305 for the particular pollutant.

(3) Incorporation by Reference

- (a) The requirements and provisions contained in 40 CFR 52.21 in effect on August 19, 2021 are incorporated herein by reference with the exception of the following:
 - (i) 40 CFR 52.21(a)(1), (b)(55-58), (f), (g), (p)(6-8), (q), (s), (t), (u), (v), (w), (x), (y), (z), and (cc).
 - (ii) The phrase “paragraph (q) of this section” in 40 CFR 52.21(p)(1) shall read as follows: the public notice and comment provisions contained in subsection (D)(2)(c) of this Rule.

- (iii) The term “Best Available Control Technology” or “BACT” as defined in 40 CFR 52.21(b)(12) shall read “PSD Best Available Control Technology” or “PSD BACT.”
- (iv) The term “Major Modification” as defined in 40 CFR 52.21(b)(2) shall read “Major PSD Modification.”
- (v) The term “Major Stationary Source” as defined in 40 CFR 52.21(b)(1) shall read “Major PSD Facility.”
- (vi) The term “Regulated NSR Pollutant” as defined in 40 CFR 52.21(b)(50) shall read “PSD Air Pollutant.”
- (vii) The term “Stationary Source” as defined in 40 CFR 52.21(b)(5) shall read “Facility.”

(B) Definitions

For the purpose of this Rule the definitions contained in 40 CFR 52.21(b), excluding (b)(55), (b)(56), (b)(57) and (b)(58), shall apply unless the term is otherwise defined herein.

- (1) Administrator – Either the administrator of USEPA or the Air Pollution Control Officer as follows:
 - (a) For the provisions of 40 CFR 52.21(b)(17), (b)(37), (b)(43), (b)(48)(ii)(c), (b)(50)(i), (b)(51), (l)(2), and (p)(2), the administrator of USEPA;
 - (b) For all other provisions of 40 CFR 52.21 as incorporated by reference in this Rule, the Air Pollution Control Officer.
- (2) Air Pollution Control Officer (APCO) – The person appointed to the position of Air Pollution Control Officer of the District pursuant to the provisions of California Health & Safety Code §40750, and his or her designee.
- (3) Authority to Construct Permit (ATC) - A District permit required pursuant to the provisions of District Rule 201 which must be obtained prior to the building, erecting, installation, alteration or replacement of any Permit Unit. Such permit may act as a temporary PTO pursuant to the provisions of District Rule 202.
- (4) District – The Antelope Valley Air Quality Management District the geographical area of which is described in District Rule 103.
- (5) Major PSD Facility – A Major Stationary Source as defined in 40 CFR 52.21(b)(1) for a PSD Air Pollutant.
- (6) Major PSD Modification – A Major Modification as defined in 40 CFR 52.21(b)(2) for a PSD Air Pollutant.
- (7) Permit To Operate (PTO) - A District permit required pursuant to the provisions of District Rule 203 which must be obtained prior to operation of a Permit Unit. An ATC may function as a temporary PTO pursuant to the provisions of District Rule 202.

- (8) Permit Unit – Any Emissions Unit which is required to have a PTO pursuant to the provisions of District Rule 203.
- (9) PSD Air Pollutant – A Regulated NSR Pollutant as defined in 40 CFR 52.21(b)(50).
- (10) PSD Best Available Control Technology (PSD BACT) – Best Available Control Technology as defined in 40 CFR 52.21(b)(12).
- (11) PSD Document – A document issued by the APCO pursuant to the provisions of this Rule including but not limited to: all analysis relating to the new Major PSD Facility or Facility with Major PSD Modification; notices; any engineering analysis or other necessary analysis; and proposed conditions for any required ATC(s) or PTO(s).

(C) Requirements

- (1) An owner/operator of any new Major PSD Facility, a Facility with a Major PSD Modification, or a Major PSD Facility requesting or modifying a Plantwide Applicability Limitation (PAL) shall obtain a Prevention of Significant Deterioration (PSD) permit pursuant to this Rule before beginning actual construction of such Facility or modification.
- (2) Notwithstanding the provisions of any other District Rule or Regulation, the APCO shall require compliance with this Rule prior to issuing a PSD permit as required by Section 165 of the Federal Clean Air Act (42 USC §7475).
- (3) Greenhouse gas emissions shall not be subject to the requirements of subsections (k) or (m) of 40 CFR Part 52.21.
- (4) An owner/operator of a Major PSD Facility seeking to obtain a PAL shall also comply with the provisions of 40 CFR 52.21 (aa)(1-15).

(D) Procedure

- (1) General
 - (a) The provisions of District Rule 1302 shall apply unless otherwise specified herein.
 - (b) For Electrical Energy Generating Facilities (EEGFs) as defined in District Rule 1301(V) the provisions of this Rule shall apply in addition to the provisions of District Rule 1306.
- (2) Analysis
 - (a) After the application has been determined to be complete pursuant to the provisions of District Rule 1302(B)(1)(e) and all applicable notifications

required pursuant to District Rule 1302 (B)(2) have been sent the APCO shall:

- (i) Analyze the information to determine if the application complies with the provisions of 40 CFR 52.21 as incorporated by reference; and
 - (ii) Make a PSD BACT determination pursuant to the provisions of 40 CFR 52.21(j);
- (b) The APCO shall not perform any analysis unless all applicable fees, including but not limited to Project Evaluation Fees for Complex Sources, as set forth in District Rule 301, have been paid.
- (c) Such PSD analysis may be conducted concurrently with any analysis required pursuant to District Rules 1302, 1306, and/or 1401.
- (3) Permit Issuance Procedure
- (a) Preliminary Decision
 - (i) After the analysis has been completed the APCO shall issue a preliminary decision as to whether the PSD Document should be approved, conditionally approved or disapproved and whether the ATC(s) or PTO(s) should be issued to the Major PSD Facility or Major PSD Modification.
 - (ii) The preliminary decision shall include an analysis of the approval, conditional approval or disapproval and the draft PSD Document.
 - (iii) The preliminary decision and draft PSD Document may be combined with any engineering analysis or draft NSR Document produced pursuant to the provisions of District Rule 1302.
 - (b) USEPA and Federal Land Manager Review.
 - (i) If USEPA and the Federal Land Manager were notified pursuant to the provisions of District Rule 1302 (B)(2)(a)(iii) then the APCO shall, upon completion of the preliminary decision and concurrently with the publication required pursuant to subsection (D)(2)(c) below, send a copy of the preliminary decision and any underlying analysis to USEPA and any Federal Land Manager so notified.
 - (ii) The provisions of District Rule 1302 (D)(2) shall apply to the review by USEPA and the Federal Land Manager.
 - (iii) This review may be combined with any other review required pursuant to District Rule 1302.

- (c) Public Review, Comment and Availability of Documents
 - (i) Upon completion of the preliminary decision the APCO shall provide for public review and comment in the same manner and using the same procedures as set forth in District Rule 1302(D)(3).
 - (ii) Such public notice and comment may be combined with any other public notice and comment required pursuant to District Rule 1302.
- (d) Public Hearing
 - (i) If any person requests a public hearing pursuant to the provisions of District Rule 1302(D)(3)(b)(i) f., g., or h. the APCO shall hold a public hearing and notify the appropriate agencies and the general public using the procedures set forth in District Rule 1302(D)(3)(a).
- (e) Final Action
 - (i) Within one (1) year of the notification that the application has been deemed complete pursuant to District Rule 1302(B)(2), or after such longer time as both the applicant and the APCO may agree in writing, the APCO shall take final action to issue, issue with conditions or decline to issue the final PSD Document.
 - (ii) The APCO shall produce a final PSD Document after the conclusion of the comment period; the public hearing, if any is held; and upon consideration of comments received.
 - (iii) The APCO shall provide written notice of the final action to the applicant and USEPA.
 - (iv) If substantive changes have been made to the preliminary decision or PSD Document after the opening of the public comment period, the APCO shall re-publish a notice of the final PSD determination pursuant to the provisions of District Rule 1302(D)(3).
 - (v) If substantive changes are made to the preliminary decision or PSD Document which are substantial enough to require changes to the underlying requirements or which result in a less stringent BACT determination, then the APCO shall reissue and renotece the preliminary decision and draft PSD document pursuant to the provisions of District Rule 1302(D).
 - (vi) The final PSD Document and all supporting documentation shall remain available for public inspection at the offices of the District.
 - (vii) The final PSD Document may be combined with a final NSR Document produced pursuant to District Rule 1302(D)(4).
- (f) Issuance of ATC(s) and or PTO(s)
 - (i) In conjunction with the final action on the PSD Document the APCO shall issue ATC(s), or PTO(s), if applicable, for any Permit

- Units associated with a new Major PSD Facility and/or any Permit
Units modified as a part of the Major PSD Modification
- (ii) The ATC(s) or PTO(s) as issued shall contain all conditions regarding construction, operation and other matters as set forth in the PSD Document.