

CALAVERAS COUNTY AIR POLLUTION CONTROL DISTRICT

**RULE 427 -- CONSTRUCTION OR RECONSTRUCTION OF MAJOR STATIONARY SOURCES THAT EMIT HAZARDOUS AIR POLLUTANTS**

*(adopted 06/11/2001)*

A. Purpose

To require all owners and operators of stationary sources that emit hazardous air pollutants (HAPs) to install best available control technology for toxics (T-BACT) to any constructed or reconstructed major source. All T-BACT determinations shall be controlled to a level that the Air Pollution Control Officer (APCO) has determined to be, at a minimum, no less stringent than new source maximum achievable control technology (MACT) as required by the federal Clean Air Act (CAA), §112 (g)(2)(B) and implemented through 40 CFR §§63.40-63.44, of subpart B.

B. Applicability

The requirements of this rule shall apply to all owner or operators that construct or reconstruct a major source of HAPs, unless the major source is exempt pursuant to section C.

Compliance with this rule does not relieve any owner or operator of a major source of HAPs from complying with all other District rules or regulations, any applicable State airborne toxic control measure (ATCM), or other applicable State and federal laws.

C. Exemptions

This rule does not apply to any of the following exclusions:

1. Any major source that is subject to an existing National Emissions Standard (NESHAPs) for HAPs pursuant to sections 112(d), 112(h) or 112(j) of the CAA.
2. Any major source that has been specifically exempted from regulation under a NESHAP issued pursuant to sections 112(d), 112(h) or 112(j) of the CAA.
3. Any major source that has received all necessary air quality

permits for such construction or reconstruction project before June 29, 1998.

4. Electric utility steam generating units, unless and until such time as these units are added to the source category list pursuant to federal CAA, §112(c)(5).
5. Stationary sources that are within a source category that has been deleted from the source category list pursuant to federal CAA, §112(c)(9).
6. Research and development activities, as defined in 40 CFR §63.41 Definitions.
7. Any other stationary source exempted by section 112 of the CAA.

D. Effective Date

This rule is effective on date of rule adoption, but no later than June 11, 2001.

E. Definitions

Terms used in this rule that are not defined in this section have the meaning given to them in 40 CFR §63.40 through 63.44.

Best Available Control Technology for Toxics (T-BACT): the most effective emissions limitation or control technique which:

1. has been achieved in practice for such permit unit category or class of source; or
2. is any other emissions limitation or control technique, including process and equipment changes of basic and control equipment, found by the Air Pollution Control Officer to be technologically feasible for such class or category of sources, or for a specific source.

Construct a Major Source: the same as defined in 40 CFR §63.41 Definitions.

Hazardous Air Pollutants (HAPS): any air pollutant listed in or pursuant to federal CAA, §112(b).

Major Source of HAPs: any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in the aggregate, 10 tons per

any year or more of hazardous air pollutants or 25 tons per year or more of combination of hazardous air pollutants.

Potential to Emit: The maximum capacity of a stationary source to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the stationary source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of its design if the limitations or the effect it would have on emissions are incorporated into the applicable permit as enforceable permit conditions.

Reconstruct a Major Source: the same as defined in 40 CFR §63.41 Definitions.

F. T-BACT Requirements

T-BACT shall be installed on any source that meets the definition of "construct a major source" or "reconstruct a major source" as defined in 40 CFR §63.41. The potential to emit of a constructed or reconstructed major source shall be calculated pursuant to section G.

G. Calculation Procedures

The potential to emit for a source of HAPs shall equal the sum of the potentials to emit of the constructed or reconstructed source of HAPs. All fugitive HAP emissions associated with the construction or reconstruction shall be included in the potential to emit determination.

H. Administrative Procedures

An application for authority to construct a major source or reconstruct a major source of HAPs shall be subject to the administrative procedures contained in Calaveras County Air Pollution Control District Rules 403 - Applications and 424 - Authority to Construct Decision, including Section 424.B, regardless of whether or not the facility has the potential to emit 100 tons per year or more of any criteria pollutant or precursor.