

RULE 432. OPEN BURN/OPEN DETONATION OPERATIONS ON MILITARY BASES

Adopted: 05/08/96

- A. No open burn/open detonation (OB/OD) operation may be done without prior approval from the Air Pollution Control Officer (APCO) through the approval of an OB/OD burn plan. The burn plan approval shall not be valid for longer than one year, but may be renewed annually based on the approval of the APCO.
- B. No person shall conduct OB/OD operations on "no burn" days as announced daily by the State Air Resources Board for Inyo, Mono and Alpine Counties or when such burning is prohibited by the Air Pollution Control Officer.
- C. Open burn/open detonation operations, when allowed, shall conform to the following criteria:
  - 1. Before an OB/OD operation takes place, a plan for the OB/OD operation shall be submitted by the Base Commanding Officer or the Commanding Officer's designated representative for the military base, to the Air Pollution Control Officer, and other designated agencies having jurisdiction over the proposed OB/OD operation. The plan shall be approved by the Air Pollution Control Officer in advance of the proposed OB/OD operations. This plan shall:
    - a. Specify methods that will be used to achieve detonation or combustion.
    - b. Limit the category and amount of waste propellants, explosives, and pyrotechnics that may be disposed of each year to an amount with a projected lifetime toxic cancer risk less than one-in-one million ( $1 \times 10^{-6}$ ). Treatment amounts shall not cause impacts above the chronic or acute toxic effect thresholds contained in the most current guidance issued by the California Air Resources Board for toxic risk management. The toxic risk shall be demonstrated with modeling approved by the Air Pollution Control Officer.
    - c. Limit open burn/open detonation operations or require mitigation when the meteorological conditions could otherwise cause smoke to create or contribute to an exceedance of a state or federal ambient air quality standard or cause a public nuisance.
    - d. Require the waste propellants, explosives, and pyrotechnics (PEP) disposed of be free of non-PEP hazardous wastes.
    - e. Require the waste propellants, explosives, and pyrotechnics to be in a condition which will facilitate combustion and minimize the amount of smoke emitted during combustion.
    - f. Include the following information:
      - i. location of the burn project,
      - ii. category and amount of waste propellants, explosives, and pyrotechnics to be disposed of,

- iii. directions and distances to nearby sensitive receptor areas,
  - iv. an air quality analysis showing the expected ambient impacts with respect to State and Federal Ambient Air Quality Standards,
  - v. a risk assessment for acute and chronic health effects,
  - vi. meteorological prescription elements developed for the project,
  - vii. projected schedule or frequency of OB/OD events,
  - viii. specifications for monitoring and recording of critical project parameters, and
  - ix. specifications for reporting and disseminating project information.
2. The material to be disposed of shall be limited to the treatment of PEP generated from operations at the military base where the OB/OD operation is to take place.
  3. Open burn/open detonation operations shall not be allowed on Sundays or legal holidays.
  4. All open burn/open detonation operations shall conform to the applicable jurisdictional fire code(s).
  5. Open burn/open detonation operations shall not be initiated if smoke may drift into a populated area or create a public nuisance.
  6. Open burn/ open detonation operations shall comply with applicable requirements under the California Hazardous Waste Control Act for the treatment, storage, and disposal of hazardous waste (Title 22, California Code of Regulations).
- D. The total amount of material treated in any one day, may be limited by the District, taking into consideration matters which would affect the ambient air quality.
- E. Records shall be maintained for the type and amount of PEP for each open burn/open detonation operation and shall be submitted to the District sixty (60) days prior to the end of the burn plan approval period. Records shall be maintained for five years.
- F. District staff shall be permitted:
1. To enter the premises where the source is located or in which any records are required to be kept under requirements of the burn plan.
  2. To inspect any equipment, operation, or method required by the burn plan.
  3. To require emission samples from the source.

- G. A summary of the data required to determine compliance with applicable provisions of this rule shall be submitted to the Air Pollution Control Officer. This summary shall be presented in the manner, frequency and form as prescribed by the Air Pollution Control Officer.

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