



R. J. Sommerville
Air Pollution Control Officer

**NOTICE OF WORKSHOP
FOR DISCUSSION OF PROPOSED AMENDMENTS TO
RULE 67.17 - STORAGE OF MATERIALS CONTAINING
VOLATILE ORGANIC COMPOUNDS (VOC)**

The San Diego Air Pollution Control District will hold a public meeting to consider a proposed amendments to Rule 67.17 - Storage of Materials Containing Volatile Organic Compounds (VOC). Comments concerning the proposed rule may be submitted in writing before, or made at the workshop which is scheduled as follows:

DATE: November 8, 1990
TIME: 1:00 - 3:00 p.m.
PLACE: Farm Advisor's Conference Room
County Operations Center
Building #4
5555 Overland Avenue
San Diego, CA 92123

The amendments to Rule 67.17 correct deficiencies with the rule that have been identified by the California Air Resources Board (ARB). They also add additional exempt compounds and delete provisions allowing for compliance using add-on control devices. The proposed amendments will accomplish the following:

- Replace the exemption based on vapor pressure (≤ 0.1 mm Hg at 68°F) with one based on evaporation rate (volume percent evaporated at 680°F of $\leq 20\%$).
- Add additional compounds that are exempt from regulation because they are not ozone precursors.
- Delete provisions that allow add-on control devices to be used to comply with the rule.
- Make certain clarifications to the rule.
- Specify test methods that will be used to determine compliance with the rule.

If you would like a copy of proposed amendments to Rule 67.17, please call Juanita Ogata at (619) 694-3307. If you have any questions concerning the proposal, please call Natalie Zlotin at (619) 695-3312 or me at (619) 694-3303.

RICHARD J. SMITH
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Proposed amendments to Rule 67.17 are to read as follows:

**RULE 67.17. STORAGE OF MATERIALS CONTAINING
VOLATILE ORGANIC COMPOUNDS**

(a) APPLICABILITY

This rule applies to any person who stores, transfers, applies or otherwise uses materials which contain volatile organic compounds.

(b) EXEMPTIONS

(1) This rule is not applicable to equipment subject to District Rules 61.1, 61.2, 61.3, 61.4, 67.2, 67.6, 67.8 and 67.10.

(2) This rule is not applicable to any containers utilized exclusively in connection with any structure, which is designed and used exclusively as a dwelling for not more than four families.

(3) This Section (d) of this rule is not applicable to any material which contains volatile organic compounds and which ~~has a volatile organic compound composite true vapor pressure equal to or less than 0.1 millimeter of mercury at 68°F (20°C) if distilled~~ has a volume percent evaporated at 360°C (680°F) of 20% or less, provided such material is stored at ambient temperatures. This exemption does not include any of the following: paints, thinners (diluent, viscosity reducers, retarders and dispersants), catalysts, any other paint additive, sealers, body fillers, resins, gel coats, inks, glues, adhesives, cleanup solvents and their any of wastes.

It is the responsibility of any person claiming this exemption to maintain records which substantiate this claim. The claimant shall make these records available to the Air Pollution Control District upon request.

(c) DEFINITIONS

For the purposes of this rule, the following definitions shall apply:

(1) **"Volatile Organic Compound (VOC)"** means any compound containing at least one atom of carbon, except: methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, methylene chloride, 1,1,1-trichloroethane, trichlorofluoromethane (CFC-11), dichlorodifluoromethane (CFC-12), chlorodifluoromethane (HCFC-22), trifluoromethane (CFC-23), trichlorotrifluoroethane (CFC-113), dichlorotetrafluoroethane (CFC-114), and chloropentafluoroethane (CFC-115), dichlorotrifluoroethane (HCFC-123), dichlorofluoroethane (HCFC-141b), tetrafluoroethane (HFC-134a) and chlorodifluoroethane (HCFC-142b) which may be emitted to the atmosphere during the storage or use of the compound or of any materials containing the compound.

(2) **"In Use"** means:

- (A) being accessed, or
- (B) being filled or emptied, or
- (C) being cleaned, maintained or repaired.

(3) **"Closed"** means:

(A) having in place an apparatus or cover which completely covers the container and which is designed to retard VOC emissions but not necessarily provide a vapor tight seal, and

(B) having no visible holes, breaks, openings or separations between adjoining components of the container or container cover.

(4) **"Empty"** means containing no materials which can be further drained or removed by gravity.

(5) **"Waste"** means a material which is intended to be discarded, is marked for disposal, or is no longer usable.

(d) **STANDARDS**

On and after March 6, 1990, any person subject to this rule shall comply with the following:

(1) All containers used to store, transfer, apply or otherwise employ materials containing VOC shall be closed when not in use.

(2) All containers used to store or transfer wastes containing VOC shall be closed except when being accessed or when empty.

(3) Containers specified above may be equipped with vents provided such vents are necessary to comply with applicable fire and safety codes.

(4) All wastes containing VOC (including paper or cloth impregnated with VOC) shall be stored in closed containers.

(e) **ALTERNATIVE CONTROL VOC TEST METHODS**

The VOC content of materials exempt pursuant to Subsection (b)(3) of this rule shall be determined in accordance with ASTM Standard Test Method for Distillation of Cut-back Asphaltic (bituminous) Products, D402-76 or ASTM Standard Test Method for Distillation of Petroleum Products, D-86-82.

(1) ~~The requirements of Section (d) of this rule may be met by the use of an alternative VOC emissions control system which has been demonstrated to reduce VOC emissions from containers subject to this rule by at least 85 percent by weight, provided:~~

~~(A) the containers are designed to be an integral part of the VOC emissions capture system and cannot be used independent of the system;~~

~~(B) the alternative VOC emissions control system has been constructed pursuant to an Authority to Construct from the Air Pollution Control Officer; and~~

~~(C) the person electing to use an alternative VOC emissions control system has demonstrated, to the satisfaction of the Air Pollution Control Officer, that there are valid reasons why compliance with the requirements of Section (d) cannot be achieved except by use of an alternative control system, that the minimum 85 percent VOC emission control efficiency can be met, and that ongoing compliance with the minimum control efficiency can be reasonably enforced.~~

~~(2) A person electing to use an alternative VOC emission control system shall comply with the following increments:~~

~~(A) not later than May 7, 1990, submit an application for an Authority to Construct and Permit to Operate;~~

~~(B) provide additional information within 30 days of request by the Air Pollution Control Officer for such information;~~

~~(C) within 90 days of receipt of an Authority to Construct, complete construction in accordance with the Authority to Construct; and~~

~~(D) within 60 days of completion of construction, demonstrate compliance with the requirements of this rule to the satisfaction of the Air Pollution Control Officer.~~