

- The test method section was updated to include methods for determining capture, control, and overall emission control equipment efficiency, an allowance for equivalent test methods with SCAQMD, CARB, and EPA approval, and a statement that a violation may exist under any one of the rule's test methods.
- Finally, rule 109—Recordkeeping is referenced as part of requiring a source to have records supporting a source size exemption.

SCAQMD rule 1178 applies additional controls to reduce VOC emissions at petroleum facilities. VOCs are emitted during the filling, storage, and emptying of large tanks at these petroleum facilities. Rule 1178 applies to facilities emitting more than 20 tons/year of VOCs that have storage tanks larger than 19,815 gallons storing organic liquids with a true vapor pressure greater than or equal to 0.1 psi. The rule establishes vapor pressure containment and control requirements for organic liquid storage tanks. Tanks and systems of tanks must have a vapor recovery system that recovers at least 95% of VOC vapors by weight or combusts excess vapors. Also, rule 1178 sets specific requirements for vapor loss control devices, external floating roofs, and internal floating roofs. Rule 1178 includes the following provisions:

- Purpose and applicability;
- Definitions of terms used within the rule;
- Emission reduction requirements;
- Identification, monitoring, and maintenance requirements;
- Test methods for determining compliance with the rule; and,
- Exemptions from the rule.

Rule 1178 augments SCAQMD Rule 463—Organic Liquid Storage. While some of rule 1178's requirements are duplicative, many requirements are additive and more stringent. For example, rule 1178 requires emission control systems for fixed roof tanks storing liquid with a TVP of 0.1 psia, domes for external floating roof tanks storing a liquid with a TVP greater than or equal to 3 psia, and increased gasketing and rim-seal requirements for external floating roof tanks storing a liquid with a TVP less than 3 psia. Also, monitoring requirements are more stringent for external floating roof and fixed roof tanks.

The TSD for the subject rule has more information about these rules.

II. EPA's Evaluation and Action

A. How Is EPA Evaluating the Rules?

Generally, SIP rules must be enforceable (*see* section 110(a) of the Act), must require Reasonably Available Control Technology (RACT) for major sources in nonattainment areas (*see* section 182(a)(2)(A)), and must not relax existing requirements (*see* sections 110(l) and 193). The SCAQMD regulates an ozone nonattainment area (*see* 40 CFR part 81), so these rules must fulfill RACT.

Guidance and policy documents that we used to help evaluate specific enforceability and RACT requirements consistently include the following:

1. Portions of the proposed post-1987 ozone and carbon monoxide policy that concern RACT, 52 FR 45044, November 24, 1987.
2. "Issues Relating to VOC Regulation Cutpoints, Deficiencies, and Deviations," EPA, May 25, 1988 (the Bluebook).
3. "Guidance Document for Correcting Common VOC & Other Rule Deficiencies," EPA Region 9, August 21, 2001 (the Little Bluebook).
4. "Control of Volatile Organic Emissions from Petroleum Liquid Storage in External Floating Roof Tanks," EPA-450/2-78-047, USEPA, December 1978; and,
5. "Control of Volatile Organic Emissions from Storage of Petroleum Liquids in Fixed-Roof Tanks," EPA-450/2-77-036, USEPA, December 1977.

B. Do the Rules Meet the Evaluation Criteria?

We believe these rules are consistent with the relevant policy and guidance regarding enforceability, RACT, and SIP relaxations. Rule 481's requirements remain unchanged compared to the SIP version of the rule. The amendments to the rule strengthen and update test method and record keeping portions of the rule. The exemption for high gloss topcoats will result in an insignificant amount of particulate matter being released while remaining consistent with the VOC limits in SCAQMD rule 1106.1—Pleasure Craft Coating Operations. Rule 1141.2's emission limits and work practices remain unchanged compared to the SIP version

of the rule. The test method and recordkeeping sections of the rule have been strengthened and made more specific. Finally, Rule 1178's requirements are enforceable and the rule contains adequate monitoring and maintenance provisions for monitoring compliance of regulated facilities.

The subject TSD for each rule has more information on our evaluation.

C. EPA Recommendations To Further Improve the Rules

We have no recommendations for the next time the local agency modifies the rules.

D. Public Comment and Final Action

As authorized in section 110(k)(3) of the Act, EPA is fully approving the submitted rules because we believe they fulfill all relevant requirements. We do not think anyone will object to this approval, so we are finalizing it without proposing it in advance. However, in the Proposed Rules section of this **Federal Register**, we are simultaneously proposing approval of the same submitted rules. If we receive adverse comments by September 25, 2003, we will publish a timely withdrawal in the **Federal Register** to notify the public that the direct final approval will not take effect and we will address the comments in a subsequent final action based on the proposal. If we do not receive timely adverse comments, the direct final approval will be effective without further notice on October 27, 2003. This action will incorporate these rules into the federally enforceable SIP.

Please note that if EPA receives adverse comment on an amendment, paragraph, or section of this rule and if that provision may be severed from the remainder of the rule, EPA may adopt as final those provisions of the rule that are not the subject of an adverse comment.

III. Background Information

Why Were These Rules Submitted?

VOCs help produce ground-level ozone and smog, which harm human health and the environment. Section 110(a) of the CAA requires states to submit regulations that control VOC emissions. Table 2 lists some of the national milestones leading to the submittal of these local agency VOC rules.