FINAL VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT

2006 REASONABLY AVAILABLE CONTROL TECHNOLOGY (RACT) STATE IMPLEMENTATION PLAN (SIP) REVISION

JUNE 27, 2006

BACKGROUND

The federal Clean Air Act Amendments (CAAA) of 1990 gives the states primary responsibility for achieving the national ambient air quality standards (NAAQS). The NAAQS are set by the U.S. Environmental Protection Agency (EPA) as the maximum concentrations in the atmosphere for specific air contaminants to protect public health and welfare.

The principal mechanism at the state and local level for complying with the CAAA is the State Implementation Plan (SIP). A SIP outlines the programs, actions, and commitments a state will carry out to implement its responsibilities under the CAAA.

The EPA must approve all SIPs before they can be implemented by state and local governments. Once approved by the EPA, a SIP becomes a legally binding document under both state and federal law, and may be enforced by either government.

Since its formation in 1968, the Ventura County Air Pollution Control District has prepared numerous air quality planning documents to meet state and federal clean air mandates. The most important of these are the air quality management plans (AQMPs) and related documents, such as the rate of progress (ROP) plans. These documents outline the District's long-range strategy for providing clean, healthful air to the citizens and businesses of Ventura County and, once approved by EPA, become components of the California SIP.

A central component of Ventura County's AQMPs is the stationary source control measures. Stationary source control measures are techniques and equipment for reducing ozone precursor emissions, reactive organic compounds (ROC), and nitrogen oxides (NOx) from stationary sources in the county. Examples of stationary source control measures include gasoline station vapor recovery systems, landfill gas recovery systems, and catalytic emission control systems on various combustion devices.

Stationary source control measures provide the framework from which enforceable rules are developed that reduce harmful air emissions. The District's rules apply to many activities including open burning, incineration, gasoline storage, paint solvent use, dry cleaning, screen printing, asphalt paving, chrome plating, fuel combustion, and landfills.

The AQMPs are not one-time documents, but periodically are updated and revised in accordance with changes in governing law and air pollution control science and technology. Moreover, each successive AQMP builds on its predecessor. The last major Ventura County AQMP was the 1994 AQMP. It was prepared to satisfy several requirements of the CAAA and the California Clean Air Act of 1988 pertaining to attainment of the federal and state one-hour ozone standards, respectively. That plan was followed by the 1995 AQMP Revision, the 1997 AQMP Revision, and the 2004 AQMP Revision.

The 1995 AQMP Revision updated information, control measures, and air quality modeling that had changed since the 1994 AQMP. The 1997 AQMP Revision updated proposed adoption and implementation dates of several control measures in the 1995 AQMP Revision. The 2004 AQMP Revision updated the on-road motor vehicle emissions forecasts.

The CAAA require that states achieve the NAAQS by specified dates, based on the severity of an area's air quality problem. Ventura County is currently designated a moderate ozone nonattainment area for the new federal 8-hour ozone standard, which replaced the federal one-hour ozone standard. As a moderate nonattainment area, Ventura County is required by the CAAA to attain the federal 8-hour ozone standard by June 15, 2010. The 2007 Ventura County AQMP is being developed to meet this new, more stringent federal clean air mandate.

Sections 182(b)(2) and 182(f) of the federal Clean Air Act (42 U.S.C. §7511a) require ozone nonattainment areas to implement reasonably available control technology (RACT) for sources that are subject to Control Techniques Guidelines (CTG) issued by EPA and for "major sources" of VOC and NOx, which are ozone precursors. RACT is defined as the lowest emissions limitation that a particular source is capable of meeting by the application of control technology that is reasonably available considering technological and economic feasibility (44 FR 53762; September 17, 1979).

RACT requirements are included in the Clean Air Act to assure that significant source categories at major sources of ozone precursor emissions are controlled to a "reasonable" extent, but not necessarily to the more stringent Best Available Control Technology (BACT) or "maximum achievable control technology" (MACT) levels expected for new or modified major stationary sources. CTGs define RACT for existing sources of air pollution. Emission sources covered by CTGs are known as CTG sources.

According to the EPA's Final Rule to Implement the 8-Hour Ozone NAAQS (70 FR 71612; November 29, 2005), areas classified as moderate nonattainment or higher must submit a demonstration that their current rules fulfill 8-hour ozone RACT for all CTG categories and all major, non-CTG sources as a revision to their SIPs.

RACT demonstrations can be made with either a new RACT determination, and with final implementation dates no later than the first ozone season that occurs thirty months (30) later; or by a certification that previously required RACT controls represent RACT for the 8-hour ozone standard. Alternatively, air pollution control agencies in nonattainment areas may adopt "negative declarations" documenting that the area has no stationary sources subject to RACT requirements.

Air pollution control agencies in nonattainment areas may rely on previous analyses prepared for the one-hour ozone plans and EPA guidance documents. The RACT SIP submittal is in addition to the area's 8-hour ozone attainment demonstration plan, which is also a SIP submittal. The RACT SIP must be submitted to EPA by September 15, 2006.

DISTRICT'S RACT SIP EVALUATION

INTRODUCTION

EPA Headquarters released official guidance for preparing RACT SIPs on May 18, 2006. The guidance is in a question and answer format and is titled *Questions Related to RACT in 8-hour Ozone Implementation* (May 18, 2006). In addition, EPA Region 9 has provided a basic framework for the RACT SIPs. That framework was contained in a letter (March 9, 2006) from EPA Region 9 to the California Air Resources Board (CARB) and is presented below:

- Describe efforts to identify all source categories within the District requiring RACT, including CTG sources (i.e., covered by an EPA Control Techniques Guideline document) and major non-CTG sources.

- Submit negative declarations where there are no facilities (major or minor) within the District subject to a CTG.

- For all categories needing RACT, list the state/local regulation that implements RACT. It may also be helpful to list the date EPA approved these regulations as fulfilling RACT.

- Describe the basis for concluding that the regulations fulfill RACT. Documents useful in establishing RACT include CTGs, Alternative Control Techniques guidance (ACT), Maximum Achievable Control Technology (MACT) standards, New Source Performance Standards (NSPS), California Suggested Control Measures (SCM) and RACT/Best Available Retrofit Control Technology (BARCT) determinations, regulations adopted in other Districts, and Districts, and guidance and rules developed by other state and local agencies.

- Some Districts may use the California Air Pollution Control Officers Association (CAPCOA) September 2003 *Potential All Feasible Measures (AFM) Report* to help demonstrate RACT. If so, the RACT SIP should certify that local regulations are equivalent to AFM, justify the assumption that the AFM fulfilled RACT in 2003, and include some sort of certification or demonstration that no additional controls have become more reasonably available since then.

DETERMINATION OF RACT SIP

CTG Sources

The EPA has issued CTGs defining RACT for existing facilities that emit air pollutants. Emissions sources covered by CTGs are referred to as CTG sources. EPA Headquarters included a list of source categories and applicable CTGs in their May 18, 2006 RACT SIP Guidance.

District staff reviewed that list and, for those source categories with a CTG, compared the sources covered by the CTG to each District rule. Table A-1 presents the source categories, reference documents, applicable District rules, and the date EPA approved the corresponding District rule.

Table A-2 presents source categories without corresponding District rules. In most such cases, there are no corresponding District rules because there are no sources in the county. This was determined through the District's permit system and emissions inventory systems, and knowledgeable staff of the District's permit and

District's permit and enforcement divisions.

There is one source category listed in Table A-2 that is a special case: Agricultural Pesticides. Ventura County has a substantial agricultural industry and agricultural pesticide use is a substantial source of ROCs in the county. However, agricultural pesticide use is not defined as a stationary source. Moreover, agricultural pesticide usage is regulated by the State of California and therefore not under the District's jurisdiction.

Major Non-CTG Sources

Sources not subject to CTGs, but for which RACT may still be required, are referred to as non-CTG sources. For this evaluation, District staff examined only non-CTG sources that have the potential to emit 25 tons or more per year of either NOx or VOC. Twenty-five tons per year is the District's current definition of "major source" in District Rule 26.1 (New Source Review). However, under EPA's 8-hour ozone regulations for moderate ozone nonattainment areas, the District's new source review threshold is 100 tons per year of either ROC or NOx for major stationary sources.

Table B lists all of the 25 tons per year or greater "major source" facilities within Ventura County. There are 27 "major source" facilities in the District. Of those, only eight are 100 tons per year or greater major sources. Those are denoted with an asterisk. Table B gives each facility's permit number and facility name. Moreover, Table B presents each District rule evaluated for the RACT SIP that applies to each facility with emphasis placed on those major sources of 100 tons per year or more.

HOW DISTRICT RULES WERE DETERMINED TO MEET RACT REQUIREMENTS

To determine if District rules meet RACT requirements, District staff relied on the following criteria:

District rules that have been approved by EPA are considered as fulfilling RACT requirements because EPA must evaluate the rules to determine if they fulfill RACT requirements, and EPA guidelines and policies. Therefore, any EPA SIP-approved District rules are said to have met RACT requirements.

The California Clean Air Act (Health & Safety Code Section 39000 et seq.) requires air districts designated as serious and severe ozone nonattainment areas for the state ozone standard, which is more stringent that its federal counterpart, to apply RACT and Best Available Retrofit Control Technology (BARCT) to existing sources of ozone precursor emissions. This requirement applies to the District since the CARB has designated Ventura County a severe ozone non-attainment area for the state ozone standard. BARCT is an emission limitation that is based on the maximum degree of reduction achievable, taking into account environmental, energy, and economic impacts by each class or category of sources.

To aid air districts in developing regulations to meet and maintain the state ambient air quality standards, the CARB has developed a series of RACT/BARCT determinations for specific emission source types. These determinations also promote consistency of controls for similar emission sources among districts with the same air quality attainment designations. BARCT is widely recognized to exceed RACT.

The District routinely implements BARCT through its rule development, enforcement, and

permit review programs. District staff performs assessments of BARCT when proposing new rules or rule revisions and the CARB reviews District rules and proposed rule revisions to ensure that BARCT standards are implemented. Finally, District staff evaluates existing sources during the annual permit review process to ensure that all existing rule requirements are being met.

As part of the District's CAAA Section 105 grant objectives, the District has committed to adopt rules to implement all applicable RACT/BARCT determinations and rules to implement control measures in the District's *2004 Triennial Plan Assessment and Update – All Feasible Measures Analyses* that was prepared to satisfy requirements of the California Clean Air Act. For that analysis, District staff assessed District rules by comparing them to the *Most Stringent All Feasible Measures List* contained in the CAPCOA Rules Subcommittee *Potential All Feasible Measures Report*. Moreover, copies of all draft and proposed rules and all notices of workshops and hearings are sent to EPA Region 9 on an ongoing basis.

The District also submits a 12-month rulemaking schedule each quarter to EPA Region 9. This schedule contains the status of all new or revised rules, planned or in progress, including tentative and final workshop dates. Lastly, the District submits quarterly status reports on the District's Section 105 grant objectives to EPA Region 9.

District staff reviews the corresponding requirements of CTGs, ACTs, federal New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAPS), and MACT standards for the applicable source category as part of the rule development process. Since the District has been a state and federal ozone non-attainment area for attainment area for many years, CTG or ACT emission limits tend to be less stringent than current District rule requirements.

In addition to the EPA finding that a rule fulfills RACT when submitted for inclusion in a state's SIP, the California state law requires District staff to perform analyses for each rule similar to a RACT evaluation. Each District rule adopted by the District is evaluated against applicable CTGs and ACTs, as well as against current California rules and regulations, and found to fulfill RACT for the applicable source category at that time. When adopted or modified, rule provisions are also compared against the California "all feasible measures" requirements.

District Rule 26, New Source Review, specifies requirements for new, replacement, modified or relocated emissions units in Ventura County. It requires that such units be constructed using Best Available Control Technology (BACT) if they may emit increased amounts of ROC or NOx.

BACT is an emission limitation based on the maximum degree of emission reduction (considering energy, environmental, and economic impacts) achievable through application of production processes and available methods, systems, and techniques. BACT does not permit emissions in excess of those allowed under any applicable federal Clean Air Act provision. BACT requirements in California are also widely recognized to exceed RACT.

RACT SIP EVALUATION FINDINGS

Table C presents all of the District rules District staff evaluated for the RACT SIP. Given for each rule is the rule name, whether there is a corresponding CTG or ACT that appears applicable to each rule, original rule adoption date, date of last rule amendment, Federal

Federal Register citation for EPA approval, and the corresponding Federal Register publication date.

Table D presents summaries of the RACT evaluations for those District rules covered by a CTG or ACT. Table D does not include District rules for which there are no corresponding CTGs or ACTs.

Table D includes the basis for concluding that each District rule evaluated for RACT meets or exceeds RACT. District staff found that EPA rule approvals certified that District rules meet RACT and that the EPA RACT certifications are still valid. In many cases, the EPA RACT certification findings were augmented by corresponding ARB RACT/BARCT determinations, which tend to be more current and stringent than RACT. Therefore, in addition to the EPA rule approvals, District concluded that the RACT/BARCT determinations were an appropriate basis for finding that District rules meet RACT.

Furthermore, as recommended by EPA in their June 5, 2006 comments on the RACT SIP, staff reevaluated several rules that were adopted many years ago, and have not been revised since, to ensure that they still meet RACT. Those rules are listed in the District's June 14, 2006 response to EPA's June 5, 2006 comment letter (Attachment 3 to the Air Pollution Control Board letter - Public Comments and District Responses to Comments). The District's reevaluation of those rules indicates that either the District no longer has sources subject to the rules, or the rules still meet RACT.

District staff did not rely on the District's "all feasible measures" analysis outlined above for the RACT SIP analyses. However, the District's periodic "all feasible measures" analysis was mentioned because it is a mechanism that helps mechanism that helps to keep District rules current with similar rules in other California air districts.

CTG Sources

There are several CTG source categories for which there are no sources in Ventura County. This was determined through the District's permit system and emissions inventory systems, and knowledgeable staff of the District's permit and enforcement divisions.

These sources are indicated in Table A-2 under the column titled "Ventura County Sources." Moreover, the District does not anticipate these sources in the future. Therefore, RACT determinations for those CTG source categories are not necessary and the District concludes that RACT rules for these sources are not applicable. If such sources locate in the county in the future, they will be subject to the District's NSR requirements, which are more stringent than RACT. This constitutes the District's negative declarations for the sources listed in Table A-2.

Major Non-CTG Sources

District staff evaluated all facilities with the potential-to-emit of 25 tons per year of NOx or VOC, the District's current major source threshold under Rule 26, New Source Review. Those facilities are listed in Table B, along with applicable District rules. Of those, only eight are 100 tons per year or greater sources, the NSR threshold for moderate 8-hour ozone nonattainment areas. Those sources are denoted with an asterisk.

The evaluation considered all sources listed in Table B, but focused on the 100 tons per year or greater sources. District rules cover all of the processes at the facilities in Table B, including those of 100 tons per year or greater.

Some of the facilities listed in Table B have undergone modifications, which made them subject to even more stringent BACT requirements under District Rule 26, New Source Review. Therefore, all of the major non-CTG VOC and NOx sources are subject to District rules, which meet or exceed RACT.

SUMMARY AND CONCLUSIONS

District staff started its RACT SIP evaluation by reviewing all available CTGs and ACTs and compared them to District rules and sources.
For each source category, District staff identified applicable sources and District rules. This was accomplished through the District's permit system and emissions inventory systems, and knowledgeable staff of the District's permit and enforcement divisions.

There are twenty-eight (28) major stationary sources in the District under the District's current major source threshold. Of those, only eight (8) are 100 tons per year or greater major sources, which are composed of four (4) ROG sources, and four (4) NOx sources.

Following identification of District rules to be evaluated for the RACT SIP, District staff made determinations as to whether the rules meet RACT. The determinations were based on: 1) EPA rule approval; and, 2) RACT/BARCT determinations issued by the California Air Resources Board.

EPA rule approval is an appropriate basis for RACT findings because EPA must evaluate the rules to determine if they fulfill RACT requirements prior to approval. RACT/BARCT determinations are an appropriate basis because they are more stringent than RACT and the District must implement RACT/BARCT determinations as a requirement of the California Clean Air Act.

Furthermore, as recommend by EPA in their June 5, 2006 comments on the District's RACT SIP, staff reevaluated several rules that were adopted many years ago, and have not been revised since, to ensure that they still meet RACT. The District's reevaluation of those rules indicates that either the District no longer has sources subject to the rules, or the rules still meet RACT. The reevaluations are contained in the District's response to EPA's comments on the RACT SIP (see Attachment 3 to the Air Pollution Control Board letter – Public Comments and District Responses to Comments).

Findings - CTG Sources & Major Non - CTG Sources

Based on the foregoing, District staff finds that all District rules that apply to ozone precursor emissions fulfill RACT requirements for the 8-hour ozone NAAQS. At a minimum, the rules meet RACT or, more commonly, significantly exceed RACT because they comply with more current and stringent control requirements of the California Clean Air Act. Moreover, District staff finds that all CTG sources and major non-CTG sources under its jurisdiction are controlled to RACT or better standards.

RACT Findings – Negative Declarations

The District has reviewed its permit and emissions inventory systems for its federal Clean Air Act Plan, and consulted with knowledgeable District staff, and has determined that there are no stationary sources or emitting facilities within the District for the CTG categories listed in Table A-2. Moreover, the District does not anticipate these sources in the future. If such sources locate in the county in the future, they will be subject to the District's New Source Review requirements, which are more stringent than RACT. This constitutes the District's negative declarations for the 2006 RACT SIP.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

The 2006 RACT SIP Revision is an evaluation of current District air pollution rules and will not result in new or revised District rules or any physical change in the environment. Therefore, adoption of the proposed 2006 RACT SIP Revision is not a "Project" as defined in Section 15378(a) of the CEQA Guidelines and therefore is not subject to CEQA review pursuant to CEQA Guidelines Section 15060(c)(3).

Table A-1 - Source Categories, CTG/ACT List, and Applicable District Rules

Source Category	Reference Document	Applicability	VCAPCD Rule	Date Adopted	Date Last Amended	Federal Register Rule Approval
Coatings and Solvents						
Aerospace Manufacturing and Rework Operations & Coating Operations	Control of VOC Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations (EPA-453/R-97-004, 12/97) **4**[b]	Applies to aerospace coatings and cleaning solvents use at aerospace manufacturing and rework operations including contractors and subcontractors	Rule 74.13 - Aerospace Assembly and Component Manufacturing Operations	4/15/1986	11/11/2003	70 FR 61561-61563 (10/25/2005)
		Supersedes the applicable parts of the Miscellaneous Metal Part and Products CTG. Does not apply to manufacturing or rework operations involving space vehicles; rework operations performed on antique aerospace vehicles or components; or research and development, quality control, laboratory testing, and electronic parts and assemblies (except for cleaning and coating of completed assemblies.)	Rule 74.12 - Surface Coating of Metal Parts and Products	11/19/1985	11/11/2003	70 FR 61561-61563 (10/25/2005)
Automobile Refinishing	Automobile Body Refinishing (EPA-453/R-94-031) **15**[c]	Applies to automobile refinishing operations.	Rule 74.18 – Motor Vehicle and Mobile Equipment Coasting Operations	1/28/1992	9/10/1996	66 FR 20086-20089 (4/19/2001)
	Automobile Refinishing (EPA-450/3-88-009)	Applies to automobile refinishing operations.	Rule 74.18 – Motor Vehicle and Mobile Equipment Coasting Operations	1/28/1992	9/10/1996	66 FR 20086-20089 (4/19/2001)
Cans, Coils, Paper, Fabrics, Automobiles, and Light Duty Trucks Surface Coating of	Control of Volatile Organic Emissions from Existing Stationary Sources - Volume II: Surface Coating of Cans, Coils, Paper, Fabrics, Automobiles, and Light-Duty Trucks (EPA-450/2-77 008, 5/77) **3**[a]	For fabric and paper coating, applies to all coatings put on paper, fabric, or plastic film, and includes decorative coatings on metal foil such as gift wrap and packaging.	Rule 74.3 - Paper, Fabric and Film Coating Operations	5/29/1979	12/10/1991	60 FR 46535-46536 (9/7/1995)
Graphic Arts	Control of Volatile Organic Emissions from Existing Stationary Sources, Volume VIII: Graphic Arts - Rotogravure and Flexography (EPA-450/2-78-033, 12/78) **19**[a]	Applies to graphic arts operations that use the flexographic and rotogravure printing processes as applied to both publication and packaging printing.	Rule 74.19 - Graphic Arts	8/11/1992	11/11/2003	70 FR 61561-61563 (10/25/2005)
	Offset Lithography (EPA-453/R-94-054, 6/94) **17**[c]	Applies to graphic arts operations that use the offset lithographic printing process.	Rule 74.19 - Graphic Arts	8/11/1992	11/11/2003	70 FR 61561-61563 (10/25/2005)

Table A-1 - Source Categories, CTG/ACT List, and Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	VCAPCD Rule	Date Adopted	Date Last Amended	Federal Register Rule Approval
		For fabric coating, applies to all types of coatings applied to fabric and any decorative or protective topcoat applied over vinyl coated fabric or vinyl sheets. Does not apply to the application of vinyl plastisol to the fabric.	Rule 74.3 - Paper, Fabric and Film Coating Operations	5/29/1979	12/10/1991	60 FR 46535-46536 (9/7/1995)
		For paper coatings, applies to all coatings put on paper, pressure sensitive tapes regardless of substrate (e.g.) paper fabric or plastic film), and related web coating processes on plastic film such as typewriter ribbons, photographic film, or magnetic tape. Also includes decorative coatings on metal foi such as gift wrap and packaging.	Rule 74.3 - Paper, Fabric and Film Coating Operations	5/29/1979	12/10/1991	60 FR 46535-46536 (9/7/1995)
Metal Furniture, Surface Coating of	Control of Volatile Organic Emissions from Existing Stationary Sources, Volume III: Surface Coating of Metal Furniture (EPA-450/2-77-032, 12/77) **7**[a]	Applies to surface coating of metal furniture by meta furniture manufacturers.	Rule 74.12 - Surface Coating of Metal Parts and Products	11/19/1985	11/11/2003	70 FR 61561-61563 (10/25/2005)
Metal Parts and Products, Surface Coating of Miscellaneous	Control of Volatile Organic Emissions from Existing Stationary Sources, Volume VI: Surface Coating of Miscellaneous Metal Parts and Products (EPA-450/2-78-015, 6/78) **14**[a]	Applies to industries that are not covered by specific CTG documents (Specific CTGs have been published for can, coil, automobile and light duty truck, metal furniture, magnet wire, and large appliances.)	Rule 74.12 - Surface Coating of Metal Parts and Products	11/19/1985	11/11/2003	70 FR 61561-61563 (10/25/2005)
Shipbuilding	Shipbuilding and Ship Repair Operations (Surface Coating) (61 FR 44050, 8/27/96) **3**[b]	Applies to coatings and solvents used for building or maintaining metal marine or fresh-water metal hulled vessel used for military or commercial operations, including self-propelled vessels and those towed by other craft (barges). This definition includes, but is not limited to, all military vessels, commercial cargo and passenger (cruise) ships, ferries, barges, tankers, container ships, patrol and pilot boats, and dredges.	Rule 74.24 - Marine Coating Operations	3/8/1994	11/11/2003	70 FR 61561-61563 (10/25/2005)
			Rule 74.24.1 – Pleasure Craft Coating and Commercial Boatyard Operations	11/10/1998	1/8/2002	67 FR 52611 (8/13/2002)

Table A-1 - Source Categories, CTG/ACT List, and Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	VCAPCD Rule	Date Adopted	Date Last Amended	Federal Register Rule Approval
	Surface Coating Operations at Shipbuilding and Ship Repair Facilities (EPA-453/R-94-032, 4/94) **3**[b]	Applies to any marine or fresh-water metal hulled vessel used for military or commercial operations, including self-propelled vessels and those towed by other craft. This definition includes, but is not limited to, all military vessels, commercial cargo and passenger ships, ferries, barges, tankers, container ships, patrol and pilot boats, and dredges. Pleasure craft, such as recreational boats and yachts, are not included.	Rule 74.24 - Marine Coating Operations	3/8/1994	11/11/2003	70 FR 61561-61563 (10/25/2005)
			Rule 74.24.1 – Pleasure Craft Coating and Commercial Boatyard Operations	11/10/1998	1/8/2002	67 FR 52611 (8/13/2002)
Solvent Metal Cleanin	Control of Volatile Organic Emissions from Solvent Metal Cleaning (EPA-450/2-77-022, 11/77) **4**[a]	Applies to cold cleaners, open top vapor degreasers and conveyorized degreasers which use volatile solvents to clean metal parts.	Rule 74.6 - Surface Cleaning and Degreasing	5/29/1979	11/11/2003 - effective 7/1/2004	70 FR 61561-61563 (10/25/2005)
	Halogenated Solvent Cleaners (EPA-450/3-89-030, 8/89) **4**[c]	Applies to cleaning machines that use halogenated solvents.	Rule 74.6.1 - Batch Loaded Vapor Degreasers	5/29/1979	11/11/2003 - effective 7/1/2004	70 FR 61561-61563 (10/25/2005)
	Industrial Cleaning Solvents (EPA-453/R-94-015, 2/94) **13**[c]	Applies to industrial cleaning with organic solvents.	Rule 74.6 - Surface Cleaning and Degreasing	5/29/1979	11/11/2003 - effective 7/1/2004	70 FR 61561-61563 (10/25/2005)
			Rule 74.6.1 - Batch Loaded Vapor Degreasers	5/29/1979	11/11/2003 - effective 7/1/2004	70 FR 61561-61563 (10/25/2005)
Traffic Markings	Reduction of VOC from Application of Traffic Markings (EPA-450/3-88-007, 8/88) **2**[c]	Applies to application of highway traffic markings	74.2 – Architectural Coatings	6/19/1979	11/13/2001	69 FR 34 (1/2/2004)
Wood Furniture Manufacturing	Control of VOC Emissions from Wood Furniture Manufacturing Operations (EPA-453/R-96-007, 4/96) **2**[b]	Applies to any facility that finishes wood furniture, or performs cleaning or wash-off associated with wood furniture finishing operations.	Rule 74.30 - Wood Products Coatings	5/17/1994	11/11/2003	70 FR 61561-61563 (10/25/2005)
Petroleum						
Bulk Gasoline Plants	Control of Volatile Organic Emissions from Bulk Gasoline Plants (EPA-450/2-77-035, 12/77 **10**[a]	Applies to bulk plants with daily throughputs of 76,000 liters (20,077 gal.) gasoline or less.	Rule 70 - Storage and Transfer of Gasoline	6/25/1974	11/11/2003 effective 7/1/2004	69 FR 29451-29454 (5/24/2004)

Table A-1 - Source Categories, CTG/ACT List, and Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	VCAPCD Rule	Date Adopted	Date Last Amended	Federal Register Rule Approval
External Floating Roof Tanks, Petroleum Liquid Storage in	Control of Volatile Organic Emissions from Petroleum Liquid Storage in External Floating Roof Tanks (EPA-450-2/78-047, 12/78 **20**[a]	Applies to external floating roof tanks larger than 150,000 liters (~40,000 gal. or 950 bbls.) storing petroleum liquids.	Rule 71.2 - Storage o Reactive Organic Compound Liquid	6/20/1978	9/26/1989	58 FR 64157-64158 (12/6/1993)
	Volatile Organic Liquid Storage in Floating and Fixed Roof Tanks (EPA 453 R-94-001, 1/94) **11**[c]		Rule 74.26 - Crude Oil Storage Tank Degassing Operations	11/8/1994	N/A	61 FR 20145-20147 (5/6/1996)
Fixed Roof Tanks, Storage of Petroleum Liquids in	Control of Volatile Organic Emissions from Storage of Petroleum Liquids in Fixed Roof Tanks (EPA-450/2-77-036, 12/77 **11**[a]	Applies to storage vessels with capacities greater than 150,000 liters containing petroleum liquids with a true vapor pressure greater than 10.5 KPa. Exempts fixed roof tanks with capacities less than 1,600,000 liters used to store produced crude or condensate prior to lease custody transfer.	Rule 71.2 - Storage o Reactive Organic Compound Liquids	6/20/1978	9/26/1989	58 FR 64157-64158 (12/6/1993
	Volatile Organic Liquid Storage in Floating and Fixed Roof Tanks (EPA-453/R-94-001, 1/94) **11**[c]	Applies to storage tanks in all industries, but primarily in the petroleum refineries, pipelines, chemical plants, liquid terminals	Rule 71.2 - Storage o Reactive Organic Compound Liquids	6/20/1978	9/26/1989	58 FR 64157-64158 (12/6/1993)
			Rule 74.26 - Crude Oil Storage Tank Degassing Operations	11/8/1994	N/A	61 FR 20145-20147 (5/6/1996)
Natural Gas/Gasoline Processing Plants, Equipment Leaks from	Control of VOC Equipment Leaks from Natural Gas/Gasoline Processing Plants (EPA-450/2-83-007, 12/83) **26**[a]	Applies to facilities engaged in the separation of natural gas liquids from field gas and/or fraction of the liquids into natural gas products, such as ethane propane, butane and natural gasoline. It is not applicable to compressor stations, dehydration units sweetening units, field treatment, underground storage facilities, liquefied natural gas units and field gas gathering systems unless they are located at a gas plant.	Rule 74.10 - Components at Crude Oil and Natural Gas Production and Processing Facilities	9/29/1981	3/10/1998	64 FR 45175-45178 (8/19/1999)
Gasoline Dispensing Stage II Vapor Recovery	Stage II Gasoline Dispensing Facilities (EPA-450/3-91-022a)	Applies to gasoline dispensing into motor vehicles at gasoline dispensing facilities	Rule 70 - Storage and Transfer of Gasoline	6/25/1974	11/11/2003 effective 7/1/2004	69 FR 29451-29454 (5/24/2004)
Gasoline Service Stations	Design Criteria for Stage I Vapor Control Systems - Gasoline Service Stations (11/75) **1**[a]	Applies to filling of gasoline storage tanks from gasoline tanker trucks.	Rule 70 - Storage and Transfer of Gasoline	6/25/1974	11/11/2003	69 FR 29451-29454 (5/24/2004)

Table A-1 - Source Categories, CTG/ACT List, and Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	VCAPCD Rule	Date Adopted	Date Last Amended	Federal Register Rule Approval
Organic Liquid Storage	Volatile Organic Liquid Storage in Floating and Fixed Roof Tanks (EPA/453 R-94-001, 1/94) **11**[c]	Applies to storage tanks in all industries, but primarily in the petroleum refineries, pipelines, chemical plants, liquid terminals	Rule 71.2 - Storage of Reactive Organic Compound Liquids	6/20/1978	9/26/1989	58 FR 64157-64158 (12/6/1993)
Petroleum Refinery Equipment, Leaks from	Control of VOC Leaks from Petroleum Refinery Equipment (EPA-450/2-78-036, 6/78) **16**[a]	Applies to leaks equipment such as pumps, compressors, flanges, valves and, pressure relief devices,	Rule 74.7 - Fugitive Emissions of Reactive Organic Compounds (ROC) at Petroleum Refineries and Chemical Plants	5/29/1979	10/10/1995	61 FR 38571-38574 (7/25/1996)
Refinery Vacuum Producing Systems, Wastewater Separators, and Process Unit Turnarounds	Control of Refinery Vacuum Producing Systems, Wastewater Separators, and Process Unit Turnarounds (EPA-450/2-77-025 10/77) **5**[a]	Applies to non-condensables from vacuum producing systems, wastewater separators, and all pressurized process units.	Rule 74.8 - Refinery Vacuum Producing Systems, Wastewater Separators and Process Turnarounds	6/19/1979	7/5/1983	52 FR 12522 (4/17/1987
			Rule 74.7 - Fugitive Emissions of Reactive Organic Compounds (ROC) at Petroleum Refineries and Chemical Plants	5/29/1979	10/10/1995	61 FR 38571-38574 (7/25/1996)
Synthetic Organic Chemical and Polymer Manufacturing Equipment, Equipmen Leaks from	Control of VOC Fugitive Emissions from Synthetic Organi Chemical Polymer and Resin Manufacturing Equipment (EPA-450/3-83-006, 3/84) **27**[a]	Applies to leaks of process fluids (gaseous or liquid) from plant equipment such as pumps, compressors, in-line process valves, pressure relief devices, open-ended valves, sampling connections, flanges, agitators, and cooling towers.	Rule 74.7 – Fugitive Emissions of Reactive Organic Compounds at Petroleum Refineries and Chemical Plants	5/29/79	10/10/95	61 FR 38571 (7/25/1996
Tank Trucks, Gasoline Loading Terminals	Control of Hydrocarbons from Tank Truck Gasoline Loading Terminals (EPA-450/2-77-026, 12/77) **6**[a]	Applies to tank truck terminals with daily throughputs greater than 76,000 liters (20,077 gal.)	Rule 70 - Storage and Transfer of Gasoline	6/25/1974	11/11/2003 effective 7/1/2004	69 FR 29451-29454 (5/24/2004)

Table A-1 - Source Categories, CTG/ACT List, and Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	VCAPCD Rule	Date Adopted	Date Last Amended	Federal Register Rule Approval
Tank Trucks, Gasoline, and Vapor Collection Systems	Control of VOC Leaks from Gasoline Tank Trucks and Vapor Collection Systems (EPA-450/2-78-051, 12/78) **22**[a]	Applies to gasoline tank trucks that are equipped with vapor collection systems and the vapor collection systems at bulk terminals, bulk plants and service stations.	Rule 70 - Storage and Transfer of Gasoline	6/25/1974	11/11/2003 effective 7/1/2004	69 FR 29451-29454 (5/24/2004)
Stationary Source NOx						
Electric Utility Boilers	NOx Emissions from Utility Boilers (EPA-453/R-94-023, 3/94 **5**[d]	Applies to electric utility boilers	Rule 59 - Electrical Power Generating Equipment - Oxides of Nitrogen Oxide	10/6/1969	7/15/1997	64 FR 38832-38836 (7/20/1999)
Industrial Commercial Boilers	Industrial Commercial Boilers (EPA-453/R-94-022, 3/94) **7**[d]	Applies to boilers used in industrial facilities	Rule 74.15 - Boilers, Steam Generators and Process Heaters	3/28/1989	11/8/1994	61 FR 4887-4890 (2/9/1996)
			Rule 74.15.1 - Boilers, Steam Generators, and Process Heaters	5/11/1993	6/13/2000	66 FR 51576-51578 (10/10/2001)
Process Heaters	Process Heaters (EPA-453/R-93-034, revised 9/93) **3**[d]	Applies to direct-fired heaters used primarily in the petroleum industry	Rule 74.15 - Boilers, Steam Generators and Process Heaters	3/28/1989	11/8/1994	61 FR 4887-4890 (2/9/1996)
			Rule 74.15.1 - Boilers, Steam Generators, and Process Heaters	5/11/1993	6/13/2000	66 FR 51576-51578 (10/10/2001)
Stationary Gas Turbines	NOx Emissions from Stationary Combustion Turbines (EPA-453/R-93-007, 1/93) **2**[d]	Applies to stationary gas turbines used in various applications and operations	Rule 74.23 - Stationary Gas Turbines	3/14/1995	1/8/2002	68 FR 33018-33020 (6/3/2003)
Stationary Reciprocating Internal Combustion Engines	NOx Emissions from Stationary IC Engines (EPA-453/R-93-032, 7/93, updated 9/00) **4**[d]	Applies to stationary reciprocating internal combustion engines	Rule 74.9 - Stationary Internal Combustion Engines	7/21/1981	11/8/2005	67 FR 65501-65504 (10/25/2002)
Stationary Gas Turbines	NOx Emissions from Stationary Combustion Turbines (EPA-453/R-93-007, 1/93) **2**[d]	Applies to stationary gas turbines	Rule 74.23 - Stationary Gas Turbines	3/14/1995	1/8/2002	68 FR 33018-33020 (6/3/2003)

Table A-1 - Source Categories, CTG/ACT List, and Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	VCAPCD Rule	Date Adopted	Date Last Amended	Federal Register Rule Approval
Other						
Cutback Asphalt	Control of VOC from Use of Cutback Asphalt (EPA-450/2-77-037, 12/77) **12**[a]	Applies to use of cutback asphalt used for roadway paving.	Rule 74.4 - Cutback Asphalt	6/19/1979	7/5/1983	52 FR 12522 (4/17/1987
Ethylene Oxide - Sterilization and Aeration	Ethylene Oxide Sterilization (EPA-450/3-89-007, 3/89) **3**[c]	Applies to ethylene oxide used as a sterilant/fumigant in production of medical equipmen supplies, in miscellaneous sterilization and fumigation operations, and at hospitals.	Rule 62.6 - Ethylene Oxide - Sterilization and Aeration	7/16/1991	N/A	59 FR 39690-39691 (8/4/1994)
Large Petroleum Dry Cleaners	Control of VOC Emissions from Large Petroleum Dry Cleaners, EPA-450/3-82-009, 9/82) **24**[a]	Applies to petroleum solvent dry cleaning facilities that consume 123,000 liters or more of petroleum solvent per year.	Rule 74.5.1 - Petroleum Solvent Dry Cleaning	12/4/1990	N/A	57 FR 10136-10138 (3/24/1992)

[a] Number corresponds to list of Pre 1990 CTGs found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

[b] Number corresponds to list of Post 1990 CTGs found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

[c] Number corresponds to list of VOC ACT Documents found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

[d] Number corresponds to list of NOx ACT Documents found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

Table A-2 – Source Categories and CTG/ACT List for Which There Are No Applicable District Rules

Source Category	Reference Document	Applicability	Ventura County Sources?	RACT Analysis
Coatings and Solvents				
Automobile and Light-duty Trucks, Surface Coating of	Control of Volatile Organic Emissions fro Existing Stationary Sources - Volume II: Surface Coating of Cans, Coils, Paper, Fabrics, Automobiles, and Light-Duty Trucks (EPA-450/2-77-008, 5/77) **3**[a]	For automobile & light truck coating, applies to all objects surface coated in automotive and light duty truck assembly plants. Does not apply to customizers, body shops or other repainters.	No	N/A
AutoTransport - Business Machine Plastic Coatings	Business Machine Plastic Parts Coating/Automobile Plastic Parts Coating (EPA-453/R-94-017, 2/94) **14**[c]	Applies to surface coating of plastics used in motor vehicles and business machines	No	N/A*
Cans, Coils, Paper, Fabrics, Automobiles, and Light Duty Trucks, Surface Coating of	Control of Volatile Organic Emissions from Existing Stationary Sources - Volume II: Surface Coating of Cans, Coils, Paper, Fabrics, Automobiles, and Light-Duty Trucks (EPA-450/2-77-008, 5/77) **3**[a]	For cans, applies to sheet basecoat and over varnish, two-piece can exterior basecoat and over varnish, two and three-piece can interior body spray, two-piece can exterior end spray or roll coat, three piece can side seam spray, and end sealing compound.	No	N/A
		For coil coating, applies to prime and topcoat or single coat operation.	No	N/A
Flat Wood Paneling, Surface Coating of	Control of Volatile Organic Emissions from Existing Stationary Sources, Volume VII: Factory Surface of Flat Wood Paneling (EPA-450/2-78-032, 6/78) **15**[a]	Applies to interior paneling made of wood products.	No	N/A
Ink and Paint Manufacturing	Control of VOC from Ink and Paint Manufacturing (EPA-450/3-92-013)	Applies to products of the paint manufacturing industry, including architectural coatings, product coating for original equipment manufacturers, and special-purpose coatings. Also applies to ink manufacturing, including letterpress inks, lithographic and offset inks, gravure inks, and flexgraphic inks	No	N/A
Large Appliances, Surface Coating of	Control of Volatile Organic Emissions from Existing Stationary Sources, Volume V: Surface Coating of Large Appliances, EPA-450/2-77-034, 12/77) **9**[a]	Applies to the coating of large appliances, such as doors, cases, lids, panels and interior support parts of residential and commercial washers, dryers, ranges, refrigerators, freezers, water heaters, dish washers, trash compactors, air conditioners, and similar products.	No	N/A

Table A-2 - Source Categories and CTG/ACT List for Which There Are No Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	Ventura County Sources?	RACT Analysis
Magnet Wire, Surface Coating for Insulation of	Control of Volatile Organic Emissions from Existing Stationary Sources, Volume IV: Surface Coating for Insulation of Magnet Wire (EPA-450/2-77-033, 12/77) **8**[a]	Applies to wire coating curing ovens.	No	N/A
Petroleum				
Petroleum Refineries	Control Techniques for VOC Emissions from Stationary Sources (EPA-453/R-92-018, 12/92) **8**[c]	Applies to petroleum refineries.	No	N/A
Synthetic Organic Chemical Manufacturing	Control of VOC Emissions from Air Oxidation Processes in Synthetic Organi Chemical Manufacturing Industry (EPA-450/3-84-015, 12/84) **28**[a]		No	N/A
	SOCMI Distillation and Reactor Processes (EPA-450/4-91-031, 8/93) **1**[b]		No	N/A
Stationary Source NOx				
Cement Manufacturing	NOx Emissions from Cement Manufacturing (EPA-453/R-94-004, 3/94, updated 9/00) **6**[d]	Applies to the kilns used in cement manufacturing	No	N/A
Glass Manufacturing	NOx Emissions from Glass Manufacturing (EPA-453/R-94-037, 6/94) **8**[d]	Applies to glass manufacturing	No	N/A
Iron and Steel	NOx Emissions from Iron and Steel (EPA-453/R-94-065, 9/94) **9**[d]	Applies to iron and steel manufacturing	No	N/A
Nitric and Adipic Acid Manufacturing Plants	NOx Emissions from Nitric and Adipic Acid Manufacturing Plants (EPA-453/3-91-026,) **1**[d]	Applies to nitric and adipic acid manufacturing operations	No	N/A
Other				
Agricultural Pesticides	Control of VOC from the Application of Agricultural Pesticides (EPA-450/R-92-011, 3/93) **10**[c]	Applies to pesticides used for agricultural purposes.	Yes	Regulated by the State of California Department of Pesticide Regulation
Air Oxidation Processes in SOCMI	Control of VOC Emissions from Air Oxidation Processes in SOCMI (EPA-450/3-84-015, 12/84) **28**[a]	Applies to air oxidation processes used in the synthetic organic chemical manufacturing industry	No	N/A

Table A-2 - Source Categories and CTG/ACT List for Which There Are No Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	Ventura County Sources?	RACT Analysis
Batch Processes	Control of VOC Emissions from Batch Processes (EPA-453/R-93-017, 2/94) **12**[c]	Applies to plastic materials and resins, pharmaceuticals, gum and wood chemicals, cyclic crudes and intermediates, industrial organic chemicals, and agricultural chemicals	Yes	No major sources; Sources controlled with BACT.
Commercial Bakeries	Bakery Ovens (EPA-453/R-92-017, 12/92 **7**[c]	Applies to commercial bakery operations	Yes	No major sources; Sources controlled with BACT.
Industrial Wastewater	Industrial Wastewater CTG (Draft) EPA-453/D-93-056, 9/92); ACT (4/94) **9**[c]	Applies to emissions from the collection and treatment of industrial wastewater from: the organic chemicals, plastics, and synthetic fibers industry; the pesticides manufacturing industry; the pharmaceuticals manufacturing industry; and the hazardous waste treatment, storage, and disposal facilities industry.	No	N/A
Leather Tanning and Finishing Operations	Leather Tanning and Finishing Operations (EPA-453/R-93-025)	Applies to leather finishing operations	No	N/A
Organic Waste	ACT Document - Organic Waste Process Vents (EPA-450/3-91-007, 12/90) **5**[c]	Applies to process vents include those on waste management units at TSDF treating wastes with total organics concentration of less than 10 ppmw and those on treatment units that are part of a waste management system exempt from RCRA permitting	No	N/A
Pharmaceutical Products	Control of Volatile Organic Emissions from Manufacture of Synthesized Pharmaceutical Products (EPA-450/2-78-029, 12/78) **17**[a]	Applies to facilities and operations that synthesize pharmaceutical products.	No	N/A
Plywood Veneer Dryers	Control Techniques for Organic Emissions from Plywood Veneer Dryers (EPA-450/3-83-012, 5/83) **1**[c]	Applies to softwood plywood manufacturing operations.	No	N/A
Pneumatic Rubber Tires Manufacture of	Control of Volatile Organic Emissions from Manufacture of Pneumatic Rubber Tires (EPA-450/2-78-030, 12/78) **18**[a]	Applies to manufacturing processes; undertread cementing, tread-end cementing, bead dipping, and green tire spraying.	No	N/A

Table A-2 - Source Categories and CTG/ACT List for Which There Are No Applicable District Rules (cont'd)

Source Category	Reference Document	Applicability	Ventura County Sources?	RACT Analysis
Polyester Resin	Control of VOC Emissions from Manufacture of High - Density Polyethylene, Polypropylene, and Polystyrene Resins (EPA-450/3-83-008 11/83) **25**[a]	Applies to the manufacturing of high-density polyethylene, polypropylene, and polystyrene.	No	N/A
	Control of VOC Emissions from Synthetic Organic Chemical Polymer and Resin Manufacturing Equipment (EPA-450/3-83-006, 3/84) **27**[a]	Applies to emissions from equipment used in synthetic organic chemical polymers and resins	No	N/A
	Polystyrene Foam Manufacturing (EPA-450/3-90-020, 1990) **6**[c]	Applies to polystyrene foam manufacturing	No	N/A

* Not Applicable

[a] Number corresponds to list of Pre 1990 CTGs found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

[b] Number corresponds to list of Post 1990 CTGs found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

[c] Number corresponds to list of VOC ACT Documents found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

[d] Number corresponds to list of NOx ACT Documents found in Question #43 of *RACT Qs & As – Reasonably Available Control Technology (RACT): Questions and Answers*, EPA, May 18, 2006.

Table B – Major Sources in Ventura County

APCD Permit No.	Facility Name	Rules Evaluated that Apply to Ventura County Major Source Facilities											
		59	70	71.1	71.2	71.3	71.4	71.5	74.1	74.2	74.3	74.4	74.6
00008*	Vintage Petroleum, Inc.	·	·	✓	·	✓	✓	✓	✓	✓	·	✓	✓
00012	Tenby Inc.	·	·	✓	·	✓	✓	·	✓	✓	·	✓	✓
00013*	Mandalay Generating Station	✓	✓	·	·	·	·	·	✓	✓	·	·	✓
00015*	Procter & Gamble Paper Products.	·	·	·	·	·	·	·	·	·	·	·	·
00029*	Imation Corp.	·	·	·	✓	✓	·	·	✓	✓	✓	·	✓
00036	Pacific Custom Materials, Inc.	·	·	·	·	✓	·	·	✓	✓	·	·	✓
00041*	Aera Energy, LLC	·	✓	✓	·	✓	✓	✓	✓	✓	·	✓	✓
00053*	Vintage Petroleum, Inc	·	·	✓	·	·	✓	✓	·	·	·	·	·
00061	Southern California Gas Company	·	✓	·	·	·	·	·	✓	✓	·	·	✓
00065*	Ormond Beach Gen. Station	✓	✓	·	·	·	·	·	✓	✓	·	·	✓
00082	ConocoPhillips Ventura Station	·	·	✓	✓	·	✓	·	✓	✓	·	·	✓
00157	Weyerhaeuser Company, Hueneme Mill	·	·	·	·	·	·	·	✓	✓	·	·	✓
00214	E.F. Oxnard, LLC	·	·	·	·	·	·	·	✓	✓	·	✓	✓
00385	ConocoPhillips Torrey Station	·	·	·	✓	·	✓	·	✓	✓	·	✓	✓
00990	Aera Energy, LLC	·	·	✓	·	·	✓	·	✓	✓	·	✓	✓
00997	Naval Base Ventura County	·	✓	·	·	·	·	·	✓	✓	·	✓	✓
01006	Naval Base Ventura County	·	✓	·	·	·	·	·	✓	✓	·	✓	✓
01207*	Naval Base Ventura County	·	✓	·	·	·	·	·	✓	✓	·	✓	✓
01210	Pacific Recovery Corporation-Oxnard	·	·	·	·	·	·	·	✓	✓	·	·	✓
01267	OLS Energy – Camarillo	·	·	·	·	·	·	·	✓	✓	·	✓	✓
01338	P.W. Gillibrand Co., Inc.	·	·	·	·	·	·	·	✓	✓	·	✓	✓
01395	Simi Valley Landfill	·	·	·	·	·	·	·	✓	✓	·	✓	✓
01399	VRSD Oxnard Landfill	·	·	·	·	·		·	✓	✓	·	✓	✓
01491	Dos Cuadras Offshore Resources, LLC	·	·	✓	·	·	✓	·	✓	✓	·	·	✓
01492	Dos Cuadras Offshore Resources, LLC	·	·	✓	·	·	✓	✓	✓	✓	·	·	✓
01493	Platform Grace	·	·	✓	·	·	✓	·	✓	✓	·	·	✓
01494	Platform Gail	·	·	✓	·	·	✓	✓	✓	✓	·	·	✓
07340	Toland Road Landfill	·	✓	·	·	·	·	·	✓	✓	·	✓	✓

* 100 tons per year or greater sources

Table B – Major Sources in Ventura County (cont'd)

APCD Permit No.	Facility Name	Rules Evaluated that Apply to Ventura County Major Source Facilities											
		74.6.1	74.9	74.10	74.11	74.11.1	74.12	74.13	74.15	74.15.1	74.16	74.17	74.18
00008*	Vintage Petroleum, Inc.	·	·	✓	✓	·	·	·	✓	·	✓	·	·
00012	Tenby, Inc.	·	✓	✓	✓	·	·	·	✓	·	✓	·	·
00013*	Mandalay Generating Station	·	✓	·	✓	·	·	·	·	·	·	·	·
00015*	Procter & Gamble Paper Products	·	✓	·	·	·	·	·	·	·	·	·	·
00029*	Imation, Corp.	✓	✓	·	✓	·	·	·	✓	·	·	·	·
00036	Pacific Custom Materials, Inc.	·	·	✓	✓	·	·	·	✓	·	·	·	·
00041*	Aera Energy, LLC	·	✓	✓	✓	·	·	·	✓	·	✓	·	·
00053*	Vintage Petroleum, Inc.	·	·	✓	·	·	·	·	·	✓	·	·	·
00061	Southern California Gas Co.	·	✓	·	✓	·	·	·	·	·	·	·	·
00065*	Ormond Beach Generating Station	·	✓	·	✓	·	·	·	·	·	·	·	·
00082	ConocoPhillips Ventura Station	·	✓	✓	✓	·	·	·	·	·	·	·	·
00157	Weyerhaeuser Company, Hueneme Mill	·	·	·	·	✓	·	·	✓	·	·	·	·
00214	E.F. Oxnard, LLC	·	✓	·	✓	·	·	·	·	·	·	·	·
00385	ConocoPhillips Torrey Station	·	✓	✓	✓	·	·	·	·	·	·	·	·
00990	Aera Energy, LLC	·	·	✓	·	✓	·	·	·	·	·	·	·
00997	Naval Base Ventura County	✓	✓	·	·	·	✓	✓	✓	·	·	·	✓
01006	Naval Base Ventura County	·	✓	·	·	✓	✓	·	✓	·	·	·	✓
01207*	Naval Base Ventura County	·	✓	·	·	·	·	·	·	·	·	·	·
01210	Pacific Recovery Corporation-Oxnard	·	✓	·	·	✓	·	·	·	·	·	✓	·
01267	OLS Energy - Camarillo	·	✓	·	·	✓	·	·	✓	·	·	·	·
01338	P.W. Gillibrand Co., Inc.	·	✓	·	·	·	·	·	·	·	·	·	·
01395	Simi Valley Landfill	·	✓	·	·	✓	·	·	·	·	·	✓	·
01399	VRSD Oxnard Landfill	·	·	·	·	✓	·	·	·	·	·	✓	·
01491	Dos Cuadras Offshore Resources, LLC	·	✓	✓	·	✓	·	·	·	·	✓	·	·
01492	Dos Cuadras Offshore Resources, LLC	·	✓	✓	·	✓	·	·	·	✓	✓	·	·
01493	Platform Grace	·	✓	✓	·	✓	·	·	·	·	·	·	·
01494	Platform Gail	·	✓	✓	·	✓	·	·	·	·	✓	·	·
07340	Toland Road Landfill	·	·	·	·	✓	·	·	·	·	·	✓	·

* 100 tons per year or greater sources

Table B – Major Sources in Ventura County (cont'd)

APCD Permit No.	Facility Name	Rules Evaluated that Apply to Ventura County Major Source Facilities								
		74.19	74.22	74.23	74.24	74.26	74.27	74.28	74.29	74.30
00008*	Vintage Petroleum, Inc.	·	✓	✓	·	✓	·	·	✓	·
00012	Tenby Inc.	·	✓	·	·	✓	·	·	✓	·
00013*	Mandalay Generating Station	·	✓	✓	·	·	·	·	✓	·
00015*	Procter & Gamble Paper Prods.	·	·	·	·	·	·	·	·	·
00029*	Imation Corporation	✓	✓	·	·	·	✓	✓	·	·
00036	Pacific Custom Materials, Inc.	✓	✓	·	·	·	✓	✓	✓	·
00041*	Aera Energy, LLC	·	✓	·	·	✓	·	✓	✓	·
00053*	Vintage Petroleum, Inc.	·	·	·	·	·	·	·	·	·
00061	Southern California Gas Company	·	✓	·	·	·	✓	·	✓	·
00065*	Ormond Beach Gen. Station	·	✓	·	·	·	·	·	✓	·
00082	ConocoPhillips Ventura Station	·	✓	·	·	✓	·	·	✓	·
00157	Weyerhaeuser Company, Hueneme Mill	·	✓	✓	·	·	·	·	·	·
00214	E.F. Oxnard, LLC	·	✓	✓	·	·	·	·	·	·
00385	ConocoPhillips Torrey Station	·	✓	·	·	✓	·	·	✓	·
00990	Aera Energy, LLC	·	✓	·	·	·	·	·	·	·
00997	Naval Base Ventura County	·	✓	·	·	·	✓	✓	✓	·
01006	Naval Base Ventura County	·	✓	·	✓	·	✓	✓	✓	✓
01207*	Naval Base Ventura County	·	·	·	·	·	✓	✓	✓	·
01210	Pacific Recovery Corporation-Oxnard	·	✓	·	·	·	·	·	·	·
01267	OLS Energy – Camarillo	·	✓	✓	·	·	·	·	·	·
01338	P.W. Gillibrand Co., Inc.	·	✓	·	·	·	·	✓	✓	·
01395	Simi Valley Landfill	·	✓	·	·	·	·	✓	✓	·
01399	VRSD Oxnard Landfill	·	✓	·	·	·	·	✓	✓	·
01491	Dos Cuadras Offshore Resources, LLC	·	✓	·	·	·	·	·	·	·
01492	Dos Cuadras Offshore Resources, LLC	·	✓	·	·	·	·	·	·	·
01493	Platform Grace	·	✓	·	·	·	·	·	·	·
01494	Platform Gail	·	✓	✓	·	·	·	·	·	·
07340	Toland Road Landfill	·	✓	·	·	·	·	✓	✓	·

* 100 tons per year or greater sources

Table C - District Rules Evaluated for RACT SIP

VCAPCD Rule	Rule Name	CTG/ACT?	Date First Adopted	Date Last Amended	Federal Register Rule Approval
59	Electrical Power Generating Equipment Oxides of Nitrogen Emissions	Yes	10/6/1969	7/15/1997	64 FR 38832 (7/20/1999)
62.6	Ethylene Oxide - Sterilization and Aeration	Yes	7/11/91	7/11/91	59 FR 38690 (8/4/1994)
63	Separation and Combustion of Emissions	No	5/3/1972	11/21/1978	47 FR 26389 (6/18/1982)
67	Vacuum Producing Devices[a]	Yes	5/23/1972	7/5/1983	52 FR 12522 (4/17/1987)
69	Asphalt Air Blowing	No	5/23/1972	7/5/1983	52 FR 12522 (4/17/1987)
70	Storage and Transfer of Gasoline	Yes	6/25/1974	11/11/2003	69 FR 29451 (5/24/2004)
71.1	Crude Oil Production and Separation	No	6/20/1978	6/16/1992	59 FR 39690 (8/4/1994)
71.2	Storage of Reactive Organic Compound Liquids	Yes	6/20/1978	9/26/1989	58 FR 64157 (12/6/1993)
71.3	Transfer of Organic Reactive Compound Liquids	Yes	6/20/1978	6/16/1992	59 FR 39690 (8/4/1994)
71.4	Petroleum Sumps, Pits, Ponds, and Well Cellars	No	10/4/1988	6/8/1993	59 FR 64330 (12/14/1994)
71.5	Glycol Dehydrators	No	12/13/1994	12/13/1994	61 FR 7706 (2/29/1996)
74.2	Architectural Coatings	No	6/19/1979	11/13/2001	69 FR 34 (1/2/2004)
74.3	Paper, Fabric and Film Coating Operations	Yes	5/29/1979	12/10/1991	60 FR 46535 (9/7/1995)
74.4	Cutback Asphalt	Yes	6/19/1979	7/5/1983	52 FR 12522 (4/17/1987)
74.5.1	Petroleum Solvent Dry Cleaning	Yes	12/4/1990	12/4/1990	57 FR 10136 (3/24/1992)
74.5.2	Synthetic Solvent Dry Cleaning (Percloroethylene)[b]	Yes	12/4/1990	5/9/1995	57 FR 10136 (3/24/1992)
74.6	Surface Cleaning and Degreasing	Yes	5/29/1979	11/11/2003	70 FR 61561 (10/25/2005)
74.6.1	Batch Loaded Vapor Degreasers	Yes	5/29/1979	11/11/2003	70 FR 61561 (10/25/2005)
74.7	Fugitive Emissions of ROC at Petroleum Refineries and Chemical Plants (VOC)	Yes	5/29/1979	10/10/1995	61 FR 38571 (7/25/1996)
74.8	Refinery Vacuum Producing Systems, Wastewater Separators, and Process Turnarounds	Yes	6/19/1979	7/5/1983	52 FR 12522 (4/17/1987)
74.9	Stationary Internal Combustion Engines	Yes	7/21/1981	11/8/2005	67 FR 65501 (10/25/2002)
74.10	Components at Crude Oil & Natural Gas Producing & Processing Facility	Yes	9/29/1981	3/10/1998	59 FR 42164 (8/19/1999)
74.11	Natural Gas-Fired Residential Water Heaters	No	4/9/1985	4/9/1985	64 FR 51688 (9/24/1999)

Table C - District Rules Evaluated for RACT SIP (cont'd)

VCAPCD Rule	Rule Name	CTG/ACT?	Date First Adopted	Date Last Amended	Federal Register Rule Approval
74.11.1	Large Water Heaters and Small Boilers	Yes	9/14/1999	9/14/1999	65 FR 79752 (12/20/2000)
74.12	Surface Coating of Metal Parts & Products	Yes	11/19/1985	11/11/2003	70 FR 61561 (10/25/2005)
74.13	Aerospace Assembly & Component Manufacturing Operations	Yes	4/15/1986	11/11/2003	70/FR 61561 (10/25/2005)
74.14	Polyester Resin Material Operations	Yes	11/24/1987	4/12/2005	71 FR 5172 (2/1/2006)
74.15	Boilers, Steam Generators Process Heaters	Yes	3/28/1989	11/8/1994	61 FR 4887 (2/9/1996)
74.15.1	Boilers, Steam Generators Process Heaters	Yes	5/11/1993	6/13/2000	66 FR 51576 (10/10/2001)
74.16	Oilfield Drilling Operations	No	1/8/1991	1/8/1991	64 FR 19277 (4/20/1999)
74.17.1	Municipal Solid Waste Landfills	No	3/10/1998	2/9/1999	66 FR 48355 (9/20/2001)
74.18	Motor Vehicle and Mobile Equipment Coating Operations	Yes	1/28/1992	9/10/1996	66 FR 20086 (4/19/2001)
74.19	Graphic Arts	Yes	8/11/2002	11/11/2003	70 FR 61561 (10/25/2005)
74.19.1	Screen Printing Operations	Yes	6/11/1996	11/11/2003	63 FR 44792 (8/21/1998)
74.20	Adhesives and Sealants	No	6/8/1993	1/11/2005	68 FR 67805 (12/4/2003)
74.21	Semiconductor Manufacturing	No	4/6/1993	4/6/1993	61 FR 7706 (2/29/1996)
74.22	Natural Gas-Fired, Central Fan-Type Furnaces	No	11/9/1993	11/9/1993	61 FR 18959 (4/30/1996)
74.23	Stationary Gas Turbines	Yes	3/14/1995	1/8/2002	68 FR 33018 (6/3/2003)
74.24	Marine Coatings Operations	Yes	3/8/1994	11/11/2003	70 FR 61561 (10/25/2005)
74.24.1	Pleasure Craft Coating and Commercial Boatyard Operations	Yes	11/10/1998	1/8/2002	67 FR 52611 (8/13/2002)
74.25	Restaurant Cooking Operations	No	10/12/2004	10/12/2004	70 FR 46090 (8/9/2005)
74.26	Crude Oil Storage Tank Degassing	No	11/8/1994	11/8/1994	61 FR 20145 (5/6/1996)
74.27	Gasoline & ROC Liquid Storage Tank Degassing Operations	No	11/8/1994	11/8/1994	61 FR 20145 (5/6/1996)
74.28	Asphalt Roofing	No	5/10/1994	5/10/1994	61 FR 7706 (2/29/1996)
74.29	Soil Decontamination Operations	No	10/10/1995	1/8/2002	67 FR 46596 (7/16/2002)
74.30	Wood Products Coating	Yes	5/17/1994	11/11/2003	70 FR 61561 (10/25/2005)

[a] No sources in Ventura County
[b] Not an ozone precursor

Table D – RACT SIP Summary

District Rule	Rule Name	RACT Basis*
59	Electrical Power Generating Equipment Oxides of Nitrogen Emissions	EPA approval 7/20/1999; EPA 543 R-94-023.
62.6	Ethylene Oxide - Sterilization and Aeration	EPA Approval 8/17/1994; EPA-450/3-82-009.
70	Storage and Transfer of Gasoline	EPA Approval 5/24/2004; EPA-450/277-035; EPA-450 3-91-022a; Design Criteria for State I Vapor Control systems – Gasoline Service Stations; EPA-450/2-77-026; EPA-450/2-78-051; CARB RACT/BARCT Determination last updated 3/1998.
71.2	Storage of Reactive Organic Compound Liquids	EPA Approval 12/6/1993; EPA-450-2/78-047; EPA-453 R-94-00; EPA-453 R-94-001
71.3	Transfer of Organic Reactive Compound Liquids	EPA Approval 8/4/94; EPA-450/2-77-026; EPA-450/2-78-051
74.2	Architectural Coatings	EPA Approval 1/2/2004; CARB RACT/BARCT Determination last updated 10/1998.
74.3	Paper, Fabric and Film Coating Operations	EPA Approval 9/7/1995; EPA-453 R-94-054.
74.4	Cutback Asphalt	EPA Approval 4/17/1987.
74.5.1	Petroleum Solvent Dry Cleaning	EPA Approval 3/24/1992; EPA-450/3-82-009.
74.6	Surface Cleaning and Degreasing	EPA Approval 10/25/2005; EPA-450/2-77-022; CARB RACT/BARCT Determination last updated 10/1998.
74.6.1	Batch Loaded Vapor Degreasers	EPA Approval 10/25/2005; EPA 450 3-89-030; CARB RACT/BARCT Determination last updated 10/1998.
74.7	Fugitive Emissions of ROC at Petroleum Refineries and Chemical Plants (VOC)	EPA Approval 7/25/1996; EPA-450/2-77-025; EPA-450/2-78-036; CARB RACT/BARCT Determinations last updated 10/1998.
74.8	Refinery Vacuum Producing Systems Wastewater Separators and Process Turnarounds	EPA Approval 4/17/1987; EPA-450/2-77-025.
74.9	Stationary Internal Combustion Engines	EPA Approval 10/25/2002; EPA-453 R-93-032.
74.10	Components at Crude Oil & Natural Gas Producing & Processing Facility	EPA Approval 8/19/1999; EPA-450/2-83-007; CARB RACT/BARCT Determination last updated 10/1998.
74.11.1	Large Water Heaters and Small Boilers	EPA Approval 12/20/2000; EPA 453 R-94-022
74.12	Surface Coating of Metal Parts & Products	EPA Approval 10/25/2005; EPA-453/R97-004; EPA-450/277-032; EPA-450/2-78-015; CARB RACT/BARCT Determination last updated 10/1998.
74.13	Aerospace Assembly & Component Manufacturing Operations	EPA Approval 10/25/2005; EPA-453/R97-004; CARB RACT/BARCT Determination last updated 10/1998.
74.14	Polyester Resin Operations	EPA Approval 2/1/06; EPA-450/3-83-006; EPA-450/3-83-008

Table D – RACT SIP Summary (cont'd)

District Rule	Rule Name	RACT Basis*
74.15	Boilers, Steam Generators Process Heaters	EPA Approval 2/9/1996; EPA-453 R-94-022; EPA-453 R-93-034; CARB RACT/BARCT Determination last updated 10/1998.
74.15.1	Boilers, Steam Generators Process Heaters	EPA Approval 10/10/2001; EPA-453 R-94-022; EPA-453 R-93-034; CARB RACT/BARCT Determination last updated 10/1998.
74.18	Motor Vehicle and Mobile Equipment Coating Operations	EPA Approval 4/19/2001; EPA-540 3-88-009; CTG EPA-453 R-94-054; CARB RACT/BARCT Determination 5/1995.
74.19	Graphic Arts	EPA Approval 10/25/2005; EPA-450/2-78-033; EPA-453 R-94-054; CARB RACT/BARCT Determination last updated 10/1998.
74.19.1	Screen Printing Operations	EPA Approval 8/21/98; EPA-450/2-78-033; EPA-453 R-94-054
74.23	Stationary Gas Turbines	EPA Approval 6/3/2003; EPA-453 R-93-007; EPA-453 R-93-007.
74.24	Marine Coatings Operations	EPA Approval 10/25/2005; EPA-453/R-94-032; 61FR44050; CARB RACT/BARCT Determination last updated 10/98.
74.24.1	Pleasure Craft Coating and Commercial Boatyard Operations	EPA Approval 8/13/2002; CARB RACT/BARCT Determination last updated 10/1998.
74.26	Crude Oil Storage Tank Degassing	EPA Approval 5/6/1996.
74.30	Wood Products Coating	EPA Approval 10/25/2005; EPA-453/R-96-007; CARB RACT/BARCT Determination last updated 5/1998.

* CARB RACT/BARCT Determinations are posted at http://www.arb.ca.gov/ssps/ssps.htm#RACT/BARCT
EPA Approvals certify that rules meet RACT. All certifications continue to be valid.