



Mojave Desert Air Quality Management District

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Eldon Heaston, Executive Director

Mojave Desert Air Quality Management District Federal Negative Declaration (8 hr Ozone Standard) for *Forty-Four CTG Categories*

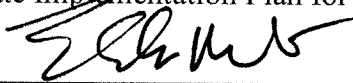
The Federal *Clean Air Act* (FCAA) requires areas designated non-attainment for ozone and classified moderate and above to adopt, maintain rules requiring certain sources of air pollution to implement Reasonably Available Control Technology (RACT). Rules are required for all sources of Volatile Organic Compounds (VOCs) and Oxides of Nitrogen (NO_x) in source categories covered by a Control Techniques Guideline (CTG) or Alternative Control Technique Guidance (ACT) document issued by the U. S. Environmental Protection Agency (USEPA) and for any other major stationary sources of VOCs located within the affected area (42 U.S.C. §7511a(b)(2); FCAA 182(b)(2)). If a rule is unnecessary because a source category does not exist within the affected area USEPA requires the submission of a Federal Negative Declaration to certify that those sources are not present. The FCAA requires areas designated non-attainment and classified moderate and above to implement RACT for sources subject to Control Technique Guidelines (CTG) documents issued by EPA for "major sources" of volatile organic compounds (VOCs) and oxides of nitrogen (NO_x) which are ozone precursors. On March 9, 2006, USEPA shifted its ozone standard from measurement on a one-hour basis to an eight-hour basis (8-hour ozone standard). For purposes of the FCAA, portions of the District have been designated non-attainment for ozone and classified as moderate for the 8-hour standard. As a result of the shift to the 8-hour standard, USEPA is requiring that all non-attainment areas submit an updated RACT SIP Analysis. The purpose of the RACT SIP Analysis is to ensure that District Rules adequately address current RACT requirements

On July 1, 1993 the MDAQMD was formed pursuant to statute. Pursuant to statute it also retained all the rules and regulations of the SBCAPCD until such time as the Governing Board of the MDAQMD wished to adopt, amend or rescind such rules. The MDAQMD Governing Board, at its very first meeting, reaffirmed all the rules and regulations of the SBCAPCD. Since SIP revisions in California are adopted by USEPA as effective in areas which happen to be defined by both air basin designations and the jurisdictional boundaries of local air districts within those air basins, the MDAQMD "inherited" the SBCAPCD SIP which was in effect for what is now called the San Bernardino County Portion of MDAB. One of the provisions of the legislations which created the MDAQMD allowed areas contiguous to the MDAQMD boundaries and within the same air basin to leave their current air district and become a part of the MDAQMD. On July 1, 1994 the area commonly known as the Palo Verde Valley in Riverside County, including the City of Blythe, left SCAQMD and joined the

MDAQMD. Since USEPA adopts SIP revisions in California as effective within the jurisdictional boundaries of local air districts, when the local boundaries change the SIP as approved by USEPA for that area up to the date of the change remains as the SIP in that particular area. Upon annexation of the Blythe/Palo Verde Valley the MDAQMD acquired the SIP prior to July 1, 1994 that was effective in the Blythe/Palo Verde Valley. Therefore, the SIP history for the Blythe/Palo Verde Valley Portion of the MDAQMD is based upon the rules adopted and approved for that portion of Riverside County by SCAQMD. Thus, the MDAQMD is required to either retain RACT rules or to submit a Federal Negative Declaration to certify that there are no such sources in the particular source category within its jurisdiction.

The MDAQMD has examined its permit files, emissions inventory and other documentation and has determined that there are no sources in the forty-four source categories referenced in attachment A, located within the jurisdiction of the MDAQMD and none are anticipated in the near future.

I certify on behalf of the MDAQMD that, to my knowledge, the MDAQMD does not have any major stationary sources in the referenced categories located within the jurisdiction of the District. Therefore the MDAQMD requests the USEPA to approve this Federal Negative Declaration for the 8 hour Ozone Standard and include it in the State Implementation Plan for the MDAQMD.



Eldon Heaston
Executive Director

9/25/06

Date

Source Category	CTG/Guidance Document Covering action
New FND's	
Petroleum Refining Catalytic Crackers and CO Boilers Metallurgical Processes (Iron and Steel Manufacture)	Summary of NOx Control Technologies and their Availability and Extent of Application: CT for Industrial Processes Involving Combustion (Petroleum Refining and Chemical Man. Process Heaters and Boilers; Petroleum Refining Catalytic Crackers and CO Boilers; Metallurgical Processes; Glass Manufacturing; Cement Manufacturing) (EPA-450/3-92-004, 2/92)
Nitric Acid Plants	1. ACT Document-Nitric and Adipic Acid Manufacturing Plants (EPA-450/3-91-026, 12/91).
Adipic Acid Plants	2. Summary of NOx Control Technologies and their Availability and Extent of Application: CT for Noncombustion Industrial Processes (Nitric Acid Plants; Adipic Acid Plants; Explosives Manufacturing Plants) (EPA-450/3-92-004, 2/92)
Explosives Manufacturing	
Coal Preparation Plants	Control Techniques for Nitrogen Oxides Emissions from Stationary Sources-Second Edition (EPA-450/1-78-001, 1/78)
Pneumatic Rubber Tire Manufacturing	Control of Volatile Organic Emissions from Manufacture of Pneumatic Rubber Tires (EPA-450/2-78-030, 12/78, NTIS PB-290-557), CTG.
Large Petroleum Dry Cleaners	Control of VOC Emissions from Large Petroleum Dry Cleaners (EPA-450/3-82-009, 9/82, NTIS PB-83-124-875), CTG.
Vegetable Oil Processing	Control Techniques for VOC Emissions from Stationary Sources: (Industrial Manufacturing Processes) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258)
Beer and Wine Production	
Whiskey Warehousing	
Plywood Manufacture	
Plywood Veneer Dryers	1. Control Techniques for Organic Emissions from Plywood Veneer Dryers (EPA-450/3-83-012, 5/83). This document is labeled as a Control Technique Document (CTD) rather than an ACT. The information is similar to that in an ACT. 2. Control Techniques for VOC Emissions from Stationary Sources (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Manufacture of High Density Polyethylene, Polypropylene, and Polystyrene Resins	1. Control of VOC Emissions from Manufacture of High-Density Polyethylene, Polypropylene, and Polystyrene Resins (EPA-450/3-83-008, 11/83, NTIS PB-84-134-600), CTG. 2. Control Techniques for VOC Emissions from Stationary Sources (Industrial Manufacturing Processes) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).

Pneumatic Rubber Tire Manufacturing	<ol style="list-style-type: none"> 1. Control of Volatile Organic Emissions from Manufacture of Pneumatic Rubber Tires (EPA-450/2-78-030, 12/78, NTIS PB-290-557), CTG. 2. Control Techniques for VOC Emissions from Stationary Sources (Industrial Manufacturing Processes) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Hazardous Waste Treatment, Storage, and Disposal Facilities	Control Techniques for VOC Emissions from Stationary Sources: (Other Miscellaneous Sources) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258)
Surface Coating of Cans	Control of Volatile Organic Emissions from Existing Stationary Sources-Vol II: Surface Coating of Cans, Coils, Paper, Fabrics, Automobiles, and Light-Duty Trucks (EPA-450/2-77-008, 5/77, NTIS PB-272-445), CTG.
Surface Coating of Coils	
Surface Coating of Fabrics	
Surface Coating Operations at Automotive and Light Duty Truck Assembly Plants	
Surface Coating of Large Appliances	Control of Volatile Organic Emissions from Existing Stationary Sources, Vol V: Surface Coating of Large Appliances (EPA-450/2-77-034, NTIS PB-278-259), CTG.
Surface Coating of Magnet Wire	Control of Volatile Organic Emissions from Existing Stationary Sources, Volume IV: Surface Coating of Insulation of Magnet Wire (EPA-450/2-77-033, 12/77, NTIS PB-278-258), CTG.
Municipal Waste Combustors and Large MWC	<ol style="list-style-type: none"> 1. Summary of NO_x Control Technologies and their Availability and Extent of Application: CT for Municipal Waste Combustors (Combustion and Post-Combustion) (EPA-450/3-92-004, 2/92). 2. 40 CFR subpart Cb- Emission Guidelines and Compliance Schedules for Municipal Waste Combustors. 3. 40 CFR 62 subpart FFF, Federal Plan for Existing Large MWC Units.
Bakery Oven Emissions	ACT Document-Bakery Oven Emissions (EPA-453/R-92-017, 12/92).
Fluoride Emissions From Existing Phosphate Fertilizer Plants	Control of Fluoride Emissions from Existing Phosphate Fertilizer Plants (EPA-450/2-77-005, 3/77).
Leather Tanning and Finishing	Air Emissions and Control Technology for Leather Tanning and Finishing Operations (EPA-453/R-93-025, 6/93).
Sulfuric Acid Production Units	Control of Sulfuric Acid Mist Emissions from Existing Sulfuric Acid Production Units (EPA-450/2-77-019, 9/77).
Process Heaters	<ol style="list-style-type: none"> 1. NO_x Emissions from Process Heaters (Revised) (EPA-453/R-93-034, 9/93), ACT Document. 2. ACT Document-NO_x Emissions from Process Heaters (Revised) (EPA-453/R-93-034, 9/93).
FND's to Update	
Vacuum Producing Devices or Systems	1. Control of Refinery Vacuum Producing Systems, Wastewater Separators, and Process Unit Turnarounds (EPA-450/2-77-025, 10/77, NTIS PB-275-662), CTG.

Leaks From Petroleum Refinery Equipment	2. Control Techniques for VOC Emissions from Stationary Sources: Petroleum Refineries: Equipment Leaks, Vacuum Processing Systems, Process Unit Turnarounds, Cooling Towers, and Wastewater Systems (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Process Unit Turnarounds	2. Control Techniques for VOC Emissions from Stationary Sources (Other Misc Sources) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Industrial Wastewater	1. Control of VOC Emissions from Industrial Wastewater CTG Draft (EPA-453/D-93-056, 9/92). 2. Control Techniques for VOC Emissions from Stationary Sources (Other Misc Sources) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Equipment Leaks From Natural Gas/Gasoline Processing Plants	Control of VOC Equipment Leaks from Natural Gas/Gasoline Processing Plants (EPA-450/2-83-007, 12/83, NTIS PB-84-161-520), CTG.
Synthesized Pharmaceutical Products	1. Control Techniques for VOC Emissions from Stationary Sources: Industrial Manufacturing Processes (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258). 2. Control of Volatile Organic Emissions from Manufacture of Synthesized Pharmaceutical Products (EPA-450/2-78-029, 12/78, NTIS PB-290-580), CTG.
Air Oxidation Processes - SOCMI	1. Control of VOC Emissions from Air Oxidation Processes in Synthetic Organic Chemical Manufacturing Industry (EPA-450/3-84-015, 12/84, NTIS PB-85-164-275), CTG. 2. Control Techniques for VOC Emissions from Stationary Sources (Organic Chemical Manufacture) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Polymer Manufacturing	1. Control Techniques for VOC Emissions from Stationary Sources (Industrial Manufacturing Processes) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258). 2. Control of VOC Fugitive Emissions from Synthetic Organic Chemical Polymer and Resin Manufacturing Equipment (EPA-450/3-83-006, 3/84, NTIS PB-84-189-372), CTG.
SOCMI and Polymer Manufacturing Equipment Leaks	1. Control of VOC Fugitive Emissions from Synthetic Organic Chemical Polymer and Resin Manufacturing Equipment (EPA-450/3-83-006, 3/84, NTIS PB-84-189-372), CTG.
Offset Lithographic Printing	1. ACT Document: Offset Lithographic Printing (EPA-453/R-94-054, 6/94, NTIS PB-95-201-018). 2. Control Techniques for VOC Emissions from Stationary Sources (Application of Paints, Inks, and Other Coatings) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258)

Surface Coating of Automotive/Transportation and Business Machine Plastic Parts	<ol style="list-style-type: none"> 1. Surface Coating of Automotive/Transportation and Business Machine Plastic Parts (EPA-453/R-94-017, 2/94), ACT Document; 2. Control Techniques for VOC Emissions from Stationary Sources: Application of Paints, Inks, and Other Coatings: Surface Coating (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Reactor Processes and Distillation Operations in SOCFI	<ol style="list-style-type: none"> 1. Control of VOC Emissions from Reactor Processes and Distillation Operations in SOCFI (EPA-450/4-91-031, 11/15/93, NTIS PB-92-180-009), CTG. 2. Control Techniques for VOC Emissions from Stationary Sources (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Batch Processes	Control of VOC Emissions from Batch Processes (EPA-453/R-93-017 or EPA-453/R-93-020, 2/94), ACT Document.
Synthetic Organic Chemical Polymer and Resin Manufacturing Equipment	<ol style="list-style-type: none"> 1. Control of VOC Fugitive Emissions from Synthetic Organic Chemical Polymer and Resin Manufacturing Equipment (EPA-450/3-83-006, 3/84, NTIS PB-84-189-372), CTG. 2. Control Techniques for VOC Emissions from Stationary Sources (Industrial Manufacturing Processes) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Manufacture of Styrene-Butadiene Copolymers	<ol style="list-style-type: none"> 1. Control of VOC Emissions from Manufacture of Styrene-Butadiene Copolymers-Preliminary Draft CTG, 4/81. 2. Control Techniques for VOC Emissions from Stationary Sources (Industrial Manufacturing Processes) (EPA-453/R-92-018, 12/92, NTIS PB-93-150-258).
Polystyrene Foam Manufacturing	Polystyrene Foam Manufacturing (EPA-450/3-90-020, NTIS PB-91-102111).