

VOC EMISSION REDUCTION OPTIONS AND ISSUES FOR STATIONARY SOURCES

December 2007

Stationary Source Option/Issue	Brief Description	Implementation	Questions / Comments
Evaluate Control Options for Largest VOC Processes, Sources and Source-Categories	<ul style="list-style-type: none"> - Based on actual emissions - Focus attention on largest processes, sources and source-categories 		Benefits to be determined
Architectural/Traffic/Industrial and Consumer Products Standards	<ul style="list-style-type: none"> - Federal VOC standards for manufactures take effect for paints, solvents, adhesives and sealants - Evaluation of more stringent California VOC standards 	Federal VOC standards January 2009	<p>AIM (Arch/Traffic/Industrial) gets reduced 31% while all Consumer Products (Adhesives/Household/Personal) get reduced 29% for 2010 based on the 2002 baseline NEI tonnages</p> <p>Since aerosols are found under the consumer products, assume that 29% covers/assumes the reductions mentioned in the credit memo for aerosols</p> <p>Credits to be determined for 2010/2020 modeling</p>
Adopt Latest CTG's (VOC RACT) into Regulation No. 7	<ul style="list-style-type: none"> - Control of Volatile Organic Compound Equipment Leaks from Natural Gas/Gasoline Processing Plants -Control Techniques Guidelines for Industrial Cleaning Solvents - Control Techniques Guidelines for Offset Lithographic Printing and Letterpress Printing - Control of Volatile Organic Compounds from Wood Furniture Manufacturing Operations -Control of Volatile Organic Compound Emissions from Large Petroleum Dry Cleaners - Others 		<p>Benefits to be determined</p> <p>MACT/NSPS in place or anticipated may obviate need for new CTG</p>

VOC EMISSION REDUCTION OPTIONS AND ISSUES FOR STATIONARY SOURCES

December 2007

Air Pollution Control Division

Stationary Source Option/Issue	Brief Description	Implementation	Questions / Comments
Expand Regulation No. 7's Applicability to Entire NA Area	<ul style="list-style-type: none"> - Currently applicable to sources in the 7-county Denver-metro area - Expand to apply to eastern Adams and Arapahoe Counties and to much of Larimer and Weld Counties 		<p>Permitting to be required in 2009</p> <p>Make RACT consistent between Regs. 3 and 7</p> <p>Benefits to be determined</p>
Increase Stringency of Regulation No. 7's RACT Requirements	<ul style="list-style-type: none"> - Presumptive RACT - Presumptive BACT 		Benefits to be determined
Stage I Vapor Recovery Expansion	For stations in Larimer, Weld and eastern Adams/Arapahoe Counties		<p>Most stations have Stage I, evaluate which ones do not</p> <p>4CAQTF: Stage I Vapor Recovery</p>
Stage II Vapor Recovery	<ul style="list-style-type: none"> - For all gas stations - For largest gas stations 		<p>15 tpd of potential emission reduction at about 75% control</p> <p>On board vapor recovery will eventually deal with these emissions</p> <p>4CAQTF: Stage II Vapor Recovery and Vehicle On-Board Refueling Vapor Recovery Systems</p>
Emission Control Requirements for Back-up Generators	<ul style="list-style-type: none"> - New - Existing 		Benefits to be determined

VOC EMISSION REDUCTION OPTIONS AND ISSUES FOR STATIONARY SOURCES

December 2007

Air Pollution Control Division

Stationary Source Option/Issue	Brief Description	Implementation	Questions / Comments
Reconsider Current Exemptions (Regulation No. 3 and 7)	Emission thresholds (VOC) for exemptions may need to be reconsidered with change in attainment status		Benefits to be determined
Funding for Initiatives	<ul style="list-style-type: none"> - Cash for clunkers programs - Lawn mower/equipment trade-out programs - Diesel school bus retrofits 		

VOC EMISSION REDUCTION OPTIONS AND ISSUES FOR STATIONARY SOURCES

December 2007

Air Pollution Control Division