

Prior Stationary Source Control Measure Suggestions

This table provides a summary of stationary source control measure suggestions submitted during the planning process for the 1999 and 2001 Ozone Attainment Plans and community meetings on the 2001 Plan.

Category	Prior Suggestion	Result
Contaminated Soil	Control aeration of soil, restrict landfill cover	Control measure adopted in Reg 8-40.
Pressure Relief Valves	Monitoring	Reg 8-28 amendments of Dec. 1997 require monitoring, reporting, prevention planning and control of repeat releases.
	Control or ban venting	FS-8 is investigating further controls on pressure relief valves.
Organic Liquid Storage Tanks	Controls for slotted guidepoles	Adopted into Reg 8-5 in Dec. 1999.
	Improved tank seals and fittings	SS-12 increases seal inspections, FS-10 investigates further controls.
	Remove or lower vapor pressure exemptions	FS-10 is investigating controls for lower vapor pressure tanks.
	Improved tank design including conversion of external floating roofs to internal floating roofs	Conversion deemed not technologically or economically feasible (2001 Plan), but FS-10 investigates other further controls.
	Vapor recovery for tanks	FS-10 investigates further controls, including vapor recovery for tanks.
	Tank cleaning	Reg 8-5 amendments adopted in 1993 require control of degassing prior to cleaning. FS-10 investigates further controls on degassing.
Flares	Control emissions from flares	Public hearing on SS-15 (proposed Reg 12-11 Flare Monitoring) scheduled for May 21, 2003, FS-8 considers flare controls.
Wastewater systems	Control emissions from drains, pipes, junction boxes	FS-9 recommends controls.
	Control emissions from treatment works, ponds	Will be investigated in a second phase of FS-9.
Vessel Depressurization	Abate emissions more than currently required	SS-17 will reduce emissions from depressurization.
Valves and Flanges	Require low emission valves	SS-16 will address replacement valves.
	Eliminate "turnaround" provisions	Deemed not a viable emission reduction measure (2001 Plan).
Marine Vessel Loading	Improve marine vessel loading and lightering controls for more cargos	FS-11 addresses additional cargos.
Refinery boilers and heaters	More stringent NOx controls	BARCT control adopted in Reg 9-10.
Electric power generating boilers	More stringent NOx controls	BARCT control adopted in Reg 9-11.
	Require SCONOx technology	Would limit BACT, not adopted.

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Solvent cleaning	Require low VOC (aqueous) solvents	Adopted into Reg 8-16.
Restaurant emissions	Control emissions from charbroiling (SCAQMD rule)	Deemed not cost-effective for VOC control (2001 Plan).
Plastic, rubber and glass coating	Set VOC limits for rubber and glass coating (SCAQMD rule)	Plastic coating controlled by Reg 8-31. Rubber, glass coating controlled as stringently as South Coast rule.
Pilot credit generation	Electric ship hotelling generates NOx credits	No emission reductions, offset credit generation program; CARB considering controls.
Fleet rules	Low emission vehicle mandates for public fleets, buses, refuse trucks, airport services	CARB considering fleet rules. In the South Coast, fleet rules required for particulate matter reductions.
Small boilers	Control NOx from smaller boilers (Sacramento rule)	Controlled by Reg 9-7. NOx controls delay attainment of federal standard.
Small IC engines	Control NOx from small IC engines (Sacramento rule)	Controlled by Reg 9-8. NOx controls delay attainment of federal standard.
Smog check	Subsidize Smog repairs for low income drivers	Calif. Bureau of Auto Repair operates an assistance program.
Aircraft vapor recovery	Require Phase II (aircraft fueling) vapor recovery for av gas and jet fuel	Not cost effective for jet fuel due to low vapor pressure, federal safety regs control av gas refueling.
Emission reduction credits	Eliminate emission reduction credits	Required by state and federal law, no net benefit.
New car interiors	Require control of off-gassing materials in new cars	Less than de minimis emission reduction.

Acronyms used in this table

BACT	Best Available Control Technology, required under New Source Review provisions
BARCT	Best Available Retrofit Control Technology, required by state law for existing sources classified serious or worse for the state ambient ozone standard
CARB	California Air Resources Board
FS-#	Further Study Measure, a measure that the 2001 Ozone Plan commits to study for feasibility
Reg # - #	Regulation and Rule. Reg 8 limits emissions of volatile organic compounds (VOC), Reg 9 limits emissions of nitrogen oxides (NOx), both ozone precursors
SCAQMD	South Coast Air Quality Management District
SCONOx™	A catalytic system that reduces NOx and CO emissions
SIP	State Implementation Plan, California's attainment strategy for the federal ozone standard
SS-#	Stationary Source Control Measure, a measure that the 2001 Ozone Plan commits to adopt