

Appendix A (continued).

Category Name	Control Technique	Control Efficiency (X)	COST-EFFECTIVENESS: ^b		
			Small (\$/ton)	Medium (\$/ton)	Large (\$/ton)
New CTG's:					
Plastic parts coating		90	2,000 ^c	2,000	2,000
Wood furniture coating		90	2,000 ^c	2,000	2,000
Coke-oven by-product plants		90	2,000 ^c	2,000	2,000
Automobile refinishing	Incinerator	75	7,722	7,722	7,722
Federal Controls:					
Architectural surface coating ^d	Water-base coating	25	1,000e	1,000	1,000
Commercial and consumer solvent use ^d		90	2,000e	2,000	2,000
Stage II: ^d	Vapor balance	86	1,000e	1,000	1,000

(Derived from: Battye et al., Alliance Technologies Corporation, "Cost Assessment of Alternative National Ambient Air Quality Standards For Ozone, Draft Report," prepared for the U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Contract No. 68-02-4317, October 1987.)

^aStrategy Descriptions

RACT = "Reasonable Available Control Technology" on all existing stationary sources that emit more than 25 tons per year of VOC.

New CTG's = new Control Technique Guidelines for existing stationary sources that emit more than 25 tons per year of VOC.

Federal Controls on selected small stationary sources of VOC (consumer and commercial solvents, and architectural surface coatings).

Stage II control devices *on* gas pumps to capture gasoline vapor during motor vehicle refueling.

^b In our analysis, the cost-effectiveness for sources that emit greater than 50 tons per year of VOC was assumed to vary with changing source size. For sources emitting less than 50 tons per year, we assumed that cost-effectiveness does not change with source size. "Small", "Medium", and "Large" refers to cost-effectiveness for a typical source in these size ranges. Numbers inside parentheses denote a cost savings.

^c "Large sources" emit more than 50 tons per year of VOC.

"Small sources" emit less than 50 tons per year of VOC.

^d Sources that emit less than 50 tons per year of VOC.

^e Cost-effectiveness assumed by OTA.