

TABLE 7.—EMISSION GUIDELINES FOR EXISTING MWC'S: CONTROL TECHNOLOGY BASES USED TO ESTIMATE THE IMPACTS OF THE REGULATORY ALTERNATIVES^{a,b}

Regulatory alternative, and baseline APCD	Size Classification (Mg MSW/day)	
	Small (35 to 225)	Large (over 225)
Reg. Alt. I:		
No control	GCP+ESP	GCP+SD/ FF+CI+SNCR
ESP (low)	GCP+ESP	GCP+SD/ ESP(m)+CI+SNCR
SD/ESP	GCP+SD/ESP	GCP+SD/ ESP(m)+CI+SNCR
SD/FF	GCP+SD/FF	GCP+SD/ FF+CI+SNCR
Reg. Alt. II-A:		
No control	GCP+DSI/FF+CI	GCP+SD/ FF+CI+SNCR
ESP (low)	GCP+DSI/ ESP+CI	GCP+SD/ ESP(m)+CI+SNCR
SD/ESP	GCP+SD/ ESP+CI	GCP+SD/ ESP(m)+CI+SNCR
SD/FF	GCP+SD/FF+CI	GCP+SD/ FF+CI+SNCR
Reg. Alt. II-B:		
No control	GCP+DSI/FF+CI	GCP+SD/ FF+CI+SNCR
ESP (low)	GCP+DSI/ ESP+CI	GCP+SD/ FF+CI+SNCR
SD/ESP	GCP+SD/ ESP+CI	GCP+SD/ ESP(m)+CI+SNCR
SD/FF	GCP+SD/FF+CI	GCP+SD/ FF+CI+SNCR
Reg. Alt. III:		
No control	GCP+SD/FF+CI	GCP+SD/ FF+CI+SNCR
ESP (low)	GCP+SD/FF+CI	GCP+SD/ FF+CI+SNCR
SD/ESP	GCP+SD/FF+CI	GCP+SD/ FF+CI+SNCR
SD/FF	GCP+SD/FF+CI	GCP+SD/ FF+CI+SNCR
MACT Floor:		
No control	GCP+DSI/FF	GCP+SD/FF+SNCR
ESP (low)	GCP+DSI/ESP	GCP+SD/ ESP(M)+SNCR
SD/ESP	GCP+SD/ESP	GCP+SD/ ESP(m)+SNCR
SD/FF	GCP+SD/FF	GCP+SD/FF+SNCR

Source: This table is an extract of table 4-2 of the document entitled "Economic Impact Analysis for Proposed Emission Standards and Guidelines for Municipal Waste Combustors," EPA-450/3-91-029, March 1994. See **SUPPLEMENTARY INFORMATION** for information on obtaining this document.

^a The MWC regulation does not mandate a specific type of control equipment. The MWC owner/operator may use any control equipment that meets the emission standards. The control technologies are the projected compliance strategies used as the basis for computing costs. If the MWC has equipment that is meeting or exceeding the control requirements, no additional costs are incurred.

^b CI=carbon injection.

TABLE 7A.—EMISSION GUIDELINES FOR EXISTING MWC'S: EMISSION REDUCTIONS AND ANNUALIZED COSTS OF THE REGULATORY ALTERNATIVES^a

Pollutant category (Mg/yr)/annualized cost (\$1990 10 ⁶ /yr)	Regulatory alternative				
	Reg. alt. I	Reg. alt. II-A	Reg. alt. II-B	Reg. alt. III	Mact floor
SO ₂	41,200	43,300	43,300	45,000	43,300
HCl	51,600	56,300	56,300	57,300	56,300
PM	3,070	3,070	3,070	3,240	3,070
Pb	74.8	74.8	91.1	102	74.8
Cd	5.24	5.24	5.56	6.02	5.24
Hg	44.7	47.5	47.5	47.5	0
NO _x	8,680	8,680	8,690	8,690	8,680
CO	19,300	19,300	19,300	19,300	19,300
Dioxins/furans (total mass)	0.154	0.156	0.157	0.158	^b 0.153