

Small MWC plants	GCP and DSI/ESP/CI.
MWC Acid Gas Emissions:	
• SO ₂ (performance test by CEMS)	
Large MWC plants	31 ppmv or 75-percent reduction in SO ₂ emissions.*
Small MWC plants	80 ppmv or 50-percent reduction in SO ₂ emissions.
• HCl (performance test by EPA Reference Method 26)	
Large MWC plants	31 ppmv or 95-percent reduction in HCl emissions.*
Small MWC plants	250 ppmv or 50-percent reduction in HCl emissions.
• Basis for SO ₂ and HCl limits	
Large and small MWC plants	See basis for MWC metals.
Nitrogen Oxides Emissions	
• NO _x (performance test by CEMS)	
Large MWC plants:	
Mass burn waterwall	200 ppmv ^b .
Mass burn rotary waterwall	250 ppmv ^b .
Refuse-derived fuel combustor	250 ppmv ^b .
Fluidized bed combustor	240 ppmv ^b .
Mass burn refractory	No NO _x control ^b requirement
Other	200 ppmv ^b .
Small MWC plants	No NO _x control requirement.
• Basis for NO _x limits	
Large MWC plants	SNCR.
Refractory MWC plants	No NO _x control requirement
Small MWC plants	No NO _x control requirement.
Fugitive Ash Emissions:	
• Fugitive Emissions (performance test by EPA Reference Method 22)	
Large and small plants	Visible emissions 5 percent of the time from ash transfer systems except for maintenance and repair activities.*
• Basis for fugitive emission limit	Wet ash handling or enclosed ash handling.
Performance Testing and Monitoring Requirements:	
• Reporting frequency	Annual (semiannual if violation)*.
• Load, flue gas temperature	Continuous monitoring, 4-hour block arithmetic average
• CO	CEMS, 4-hour block or 24-hour daily arithmetic average, as applicable
• Dioxins/furans, PM, Cd, Pb, HCl, and Hg	
Large MWC plants	Annual stack test.*
Small MWC plants	Annual or third year stack test.
• Opacity	COMS (6-minute average) and annual stack test.
• SO ₂	CEMS, 24-hour daily geometric mean.
• NO _x (large MWC plants only)	CEMS, 24-hour daily arithmetic average.
• Fugitive ash emissions	Annual test.*
Compliance Schedule:	
• Large MWC plants	
State plans are required to include one of the following three retrofit schedules for compliance with regulatory requirements: (1) Full compliance or closure within 1 year following EPA approval of the State plan; (2) full compliance in 1 to 3 years following issuance of a revised construction or operation permit if a permit modification is required or 1 to 3 years following EPA approval of the State plan if a permit modification is not required, provided the State plan includes measurable and enforceable incremental steps of progress toward compliance; or (3) closure in 1 to 3 years following approval of the State plan, provided the State plan includes a closure agreement. If a State plan allows the second or third scheduling options (i.e., more than 1 year), the State plan submitted to EPA must contain post-1990 test data for dioxins/furans for all MWC units at large plants under the extended schedule. (See § 60.21(h) of subpart B of 40 CFR 60 for additional information relating to measurable and enforceable incremental steps of progress toward compliance).	
• Small MWC plants	
State plans must require full compliance or closure with regulatory requirements in 3 years or less following issuance of a revised construction or operation permit if a permit modification is required, or within 3 years following EPA approval of the State plan if a permit modification is not required.	
• State plans are required to specify that all MWC's at large MWC plants for which construction was commenced after June 26, 1987 comply with the guidelines for Hg and dioxins/furans within 1 year following issuance of a revised construction or operation permit if a permit modification is required, or within 1 year following EPA approval of the State plan, whichever is later.	
• State plans are required to specify that owners or operators of MWC's comply with the operator training and certification requirements by 6 months after startup or 1 year after State plan approval by the EPA, whichever is later, for large plants and by 6 months after startup or 18 months after State plan approval by the EPA, whichever is later, for small plants.	

*=significant change since proposal, and the change is discussed in this preamble.

^aAll concentration levels in the table are converted to 7 percent O₂, dry basis.

^bState plans may allow NO_x emissions averaging between existing MWC units at a large MWC plant. The daily weighted average NO_x emissions concentration from the MWC units included in the emissions averaging plan must comply with the following 24-hour limits: 180 ppmv for mass burn waterwall combustors; 220 ppmv for mass burn rotary waterwall combustors; 230 ppmv for refuse-derived fuel combustors; 220 ppmv for fluidized bed combustors; and 180 ppmv for other combustor types (excluding mass burn refractory combustors). Refer to the regulatory text of the emission guidelines for additional requirements. State plans may also establish a program to allow emissions trading between non-contiguous MWC plants. Such a program shall meet the requirements of the Open Market Trading Rule of Ozone Smog Precursors, proposed August 3, 1995 (60 FR 39668) as finally promulgated.

^cAlthough not part of the dioxin/furan limit, the dioxin/furan total mass limits of 30 ng/dscm, 60 ng/dscm, and 125 ng/dscm are equal to about 0.3 to 0.8 ng/dscm TEQ, 0.7 to 1.4 ng/dscm TEQ, and 1.7 to 2.9 ng/dscm TEQ, respectively. The optional reduced testing limits of 15 ng/dscm and 30 ng/dscm total mass are equal to about 0.1 to 0.3 ng/dscm TEQ and 0.3 to 0.8 ng/dscm TEQ, respectively.