

long as they submit a notification of exemption and keep records of the weight of MSW combusted on a calendar quarter basis.

The definitions of MWC and MSW have been revised but are the same for the guidelines as for the standards, and

are discussed in the summary of the standards in section IV.A of this notice. A summary of the final guidelines is presented in table 3.

TABLE 3. SUMMARY OF GUIDELINES FOR EXISTING MWC'S (SUBPART CB)^a

[* indicates a significant change since proposal and the change is discussed in this preamble]

Applicability

The final guidelines apply to existing MWC's located at plants with capacities to combust greater than 35 Mg/day of residential, commercial, and/or institutional discards. Industrial manufacturing discards are not covered by the guidelines. Any medical, industrial manufacturing, municipal, or other type of waste combustor plant with capacity to combust greater than 35 Mg/day of MSW and with a federally enforceable permit to combust less than 10 Mg/day of MSW is not covered.*

Plant Size (MSW combustion capacity)

<35 Mg/day*	Requirement Not covered by guidelines.
> 35 Mg/day but \geq 225 Mg/day (referred to as small MWC plants)	Subject to provisions listed below.
> 225 Mg/day (referred to as large MWC plants)	Subject to provisions listed below.

Good Combustion Practices

- Applies to large and small MWC plants.
- A site-specific operator training manual is required to be developed and made available for MWC personnel.
- The EPA or a State MWC operator training course would be required to be completed by the MWC chief facility operator, shift supervisors, and control room operators.
- The ASME (or State-equivalent) provisional and full operator certification must be obtained by the MWC chief facility operator (mandatory), shift supervisors (mandatory), and control room operators (optional).*
- The MWC load level is required to be measured and not to exceed 110 percent of the maximum load level measured during the most recent dioxin/furan performance test.
- The maximum PM control device inlet flue gas temperature is required to be measured and not to exceed the temperature 17°C above the maximum temperature measured during the most recent dioxin/furan performance test.
- The CO level is required to be measured using a CEMS, and the concentration in the flue gas is required not to exceed the following:

MWC type	CO level	Averaging time (hours)
Modular starved-air and excess-air	50 ppmv	4
Mass burn waterwall and refractory	100 ppmv	4
Mass burn rotary refractory	100 ppmv	24
Fluidized-bed combustion	100 ppmv	4
Pulverized coal/RDF mixed fuel-fired	150 ppmv*	4
Spreader stoker coal/RDF mixed fuel-fired	200 ppmv*	24
RDF stoker	200 ppmv	24
Mass burn rotary waterwall	250 ppmv	24

MWC Organic Emissions (measured as total mass dioxins/furans):

- Dioxins/furans (performance test by EPA Reference Method 23)

Large MWC plants

MWC units utilizing an ESP-based air pollution control system	60 ng/dscm total mass (mandatory) or 15 ng/dscm total mass (optional to qualify for less frequent testing).*
MWC units utilizing a nonESP-based air pollution control system	30 ng/dscm total mass (mandatory) or 15 ng/dscm total mass (optional to qualify for less frequent testing).*

Small MWC plants	125 ng/dscm total mass (mandatory) or 30 ng/dscm total mass (optional to qualify for less frequent testing).*
------------------	---

- Basis for dioxin/furan limits

Large MWC plants	GCP and SD/ESP or GCP and SD/FF, as specified above.
Small MWC plants	GCP and DSI/ESP.

MWC Metal Emissions:

- PM (performance test by EPA Reference Method 5)

Large MWC plants	27 mg/dscm (0.012 gr/dscf).
Small MWC plants	70 mg/dscm (0.030 gr/dscf).*

- Opacity (performance test by EPA Reference Method 9)

Large and small MWC plants	10 percent (6-minute average)
----------------------------	-------------------------------

- Cd (performance test by EPA Reference Method 29)

Large MWC plants	0.040 mg/dscm (18 gr/million dscf).
Small MWC plants	0.10 mg/dscm (44 gr/million dscf).

- Pb (performance test by EPA Reference Method 29)

Large MWC plants	0.49 mg/dscm (200 gr/million dscf).*
Small MWC plants	1.6 mg/dscm (700 gr/million dscf).

- Hg (performance test by EPA Reference Method 29)

Large and small MWC plants	0.080 mg/dscm (35 gr/million dscf) or 85-percent reduction in Hg emissions.
----------------------------	---

- Basis for PM, opacity, Cd, Pb, and Hg limits

Large MWC plants	GCP and SD/ESP/CI or GCP and SD/FF/CI
------------------	---------------------------------------