Environmental Protection Agency

§ 60.56a Standards for municipal waste combustor operating practices.

(a) On and after the date on which the initial compliance test is completed or is required to be completed under §60.8, no owner or operator of an affected facility located within a large MWC plant shall cause such facility to exceed the carbon monoxide standards shown in table 1.

<table>
<thead>
<tr>
<th>MWC technology</th>
<th>Carbon monoxide emission limit (parts per million by volume)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass burn waterwall</td>
<td>100</td>
</tr>
<tr>
<td>Mass burn refractory</td>
<td>100</td>
</tr>
<tr>
<td>Mass burn rotary waterwall</td>
<td>100</td>
</tr>
<tr>
<td>Modular starved air</td>
<td>50</td>
</tr>
<tr>
<td>Modular excess air</td>
<td>50</td>
</tr>
<tr>
<td>RDF stoker</td>
<td>150</td>
</tr>
<tr>
<td>Bubbling fluidized bed combustor</td>
<td>100</td>
</tr>
<tr>
<td>Circulating fluidized bed combustor</td>
<td>100</td>
</tr>
<tr>
<td>Pulverized coal/RDF mixed fuel-fired combustor</td>
<td>150</td>
</tr>
<tr>
<td>Spreader stoker coal/RDF mixed fuel-fired combustor</td>
<td>150</td>
</tr>
</tbody>
</table>

1 Measured at the combustor outlet in conjunction with a measurement of oxygen concentration, corrected to 7 percent oxygen (dry basis). The averaging times are specified in §60.58a(e).
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(b) No owner or operator of an affected facility located within a large MWC plant shall cause such facility to operate at a load level greater than 110 percent of the maximum demonstrated MWC unit load as defined in §60.51a. The averaging time is specified under §60.58a(h).

(c) No owner or operator of an affected facility located within a large MWC plant shall cause such facility to operate at a temperature, measured at the final particulate matter control device inlet, exceeding 17 °Centigrade (30 °Fahrenheit) above the maximum demonstrated particulate matter control device temperature as defined in §60.51a. The averaging time is specified under §60.58a(h).

(d) Within 24 months from the date of start-up of an affected facility or before February 11, 1993, whichever is later, each chief facility operator and shift supervisor of an affected facility located within a large MWC plant shall obtain and keep current either a provisional or operator certification in accordance with ASME QRO–1–1994 (incorporated by reference, see §60.17) or an equivalent State-approved certification program.

(e) No owner or operator of an affected facility shall allow such affected facility located at a large MWC plant to operate at any time without a certified shift supervisor, as provided under paragraph (d) of this section, on duty at the affected facility. This requirement shall take effect 24 months after the date of start-up of the affected facility or on and after February 11, 1993, whichever is later.

(f) The owner or operator of an affected facility located within a large MWC plant shall develop and update on a yearly basis a siteselective operating manual that shall, at a minimum, address the following elements of MWC unit operation:

(1) Summary of the applicable standards under this subpart;
(2) Description of basic combustion theory applicable to an MWC unit;
(3) Procedures for receiving, handling, and feeding MSW;
(4) MWC unit start-up, shutdown, and malfunction procedures;
(5) Procedures for maintaining proper combustion air supply levels;
(6) Procedures for operating the MWC unit within the standards established under this subpart;
(7) Procedures for responding to periodic upset or off-specification conditions;
(8) Procedures for minimizing particulate matter carryover;
(9) [Reserved]
(10) Procedures for handling ash;
(11) Procedures for monitoring MWC unit emissions; and
(12) Reporting and recordkeeping procedures.

(g) The owner or operator of an affected facility located within a large MWC plant shall establish a program for reviewing the operating manual annually with each person who has responsibilities affecting the operation of an affected facility including, but not limited to, chief facility operators, shift supervisors, control room operators, ash handlers, maintenance personnel, and crane/load handlers.

(h) The initial review of the operating manual, as specified under paragraph (g) of this section, shall be conducted prior to assumption of responsibilities affecting MWC unit operation by any person required to undergo training under paragraph (g) of this section. Subsequent reviews of the manual shall be carried out annually by each such person.

(j) The operating manual shall be kept in a readily accessible location for all persons required to undergo training under paragraph (g) of this section. The operating manual and records of training shall be available for inspection by EPA or its delegated enforcement agent upon request.

(j)–(k) [Reserved]

§ 60.58a [Reserved]

§60.58a Compliance and performance testing.

(a) The standards under this subpart apply at all times, except during periods of start-up, shutdown, or malfunction; provided, however, that the duration of start-up, shutdown, or malfunction shall not exceed 3 hours per occurrence.