Environmental Protection Agency

Pt. 63, Subpt. SSSS, Table 3

You must . . .

9. Batch process units that are equipped with a catalytic oxidizer.
   a. From the start of each batch cycle until 3 hours have passed since the process unit reached maximum temperature, maintain the hourly average operating temperature at the inlet of the catalyst bed at or above the minimum allowable operating temperature established for the corresponding period during the most recent performance test, as determined according to item 12 of Table 4 to this subpart; and
   b. For each subsequent hour of the batch cycle, maintain the hourly average operating temperature at the inlet of the catalyst bed at or above the minimum allowable operating temperature established for the corresponding hour during the most recent performance test, as specified in item 13 of Table 4 to this subpart; and
   c. Check the activity level of the catalyst at least every 12 months.

10. Each new kiln that is used to process clay refractory products.
    Satisfy the applicable operating limits specified in items 11 through 13 of this table.

11. Each affected kiln that is equipped with a DLA .................
    a. Maintain the 3-hour block average pressure drop across the DLA at or above the minimum levels established during the most recent performance test; and
    b. Maintain free-flowing limestone in the feed hopper, silo, and DLA at all times; and
    c. Maintain the limestone feeder at or above the level established during the most recent performance test; and
    d. Use the same grade of limestone from the same source as was used during the most recent performance test and maintain records of the source and type of limestone used.

12. Each affected kiln that is equipped with a DIFF or DLS/FF
    a. Initiate corrective action within 1 hour of a bag leak detection system alarm and complete corrective actions in accordance with the OM&M plan; and
    b. Verify at least once each 8-hour shift that lime is free-flowing by means of a visual check, checking the output of a load cell, carrier gas/lime flow indicator, or carrier gas pressure drop measurement system; and
    c. Record the lime feeder setting daily to verify that the feeder setting is at or above the level established during the most recent performance test.

13. Each affected kiln that is equipped with a wet scrubber ....
    a. Maintain the 3-hour block average pressure drop across the scrubber, liquid pH, and liquid flow rate at or above the minimum levels established during the most recent performance test; and
    b. If chemicals are added to the scrubber liquid, maintain the 3-hour block average chemical feed rate at or above the minimum chemical feed rate established during the most recent performance test.

Table 3 to Subpart SSSS of Part 63—Work Practice Standards

As stated in §63.9788, you must comply with the work practice standards for affected sources in the following table:
For . . . You must . . . According to one of the following requirements . . .

1. Each basket or container that is used for holding fired refractory shapes in an existing shape preheater and autoclave during the pitch impregnation process.
   a. Control POM emissions from any affected shape preheater.
      i. At least every 10 preheating cycles, clean the residual pitch from the surfaces of the basket or container by abrasive blasting prior to placing the basket or container in the affected shape preheater; or
      ii. At least every 10 preheating cycles, subject the basket or container to a thermal process cycle that meets or exceeds the operating temperature and cycle time of the affected preheater, AND is conducted in a process unit that is exhausted to a thermal or catalytic oxidizer that is comparable to the control device used on an affected defumer or coking oven; or
      iii. Capture emissions from the affected shape preheater and vent them to the control device that is used to control emissions from an affected defumer or coking oven, or to a comparable thermal or catalytic oxidizer.

2. Each new or existing pitch working tank.
   Control POM emissions ........................................
   Capture emissions from the affected pitch working tank and vent them to the control device that is used to control emissions from an affected defumer or coking oven, OR to a comparable thermal or catalytic oxidizer.

3. Each new or existing chromium refractory products kiln.
   Minimize fuel-based HAP emissions ........
   Use natural gas, or equivalent, as the kiln fuel, except during periods of natural gas curtailment or supply interruption, as defined in §63.9824.

4. Each existing clay refractory products kiln.
   Minimize fuel-based HAP emissions ........
   Use natural gas, or equivalent, as the kiln fuel, except during periods of natural gas curtailment or supply interruption, as defined in §63.9824.

### Table 4 to Subpart SSSS to Part 63—Requirements for Performance Tests

As stated in §63.9800, you must comply with the requirements for performance tests for affected sources in the following table:

<table>
<thead>
<tr>
<th>For . . .</th>
<th>You must . . .</th>
<th>Using . . .</th>
<th>According to the following requirements . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Each affected source listed in Table 1 to this subpart.</td>
<td>a. Conduct performance tests .....</td>
<td>i. The requirements of the general provisions in subpart A of this part and the requirements to this subpart.</td>
<td>(1) Record the date of the test; and&lt;br&gt;(2) Identify the emission source that is tested; and&lt;br&gt;(3) Collect and record the corresponding operating parameter and emission test data listed in this table for each run of the performance test; and&lt;br&gt;(4) Repeat the performance test at least every 5 years; and&lt;br&gt;(5) Repeat the performance test before changing the parameter value for any operating limit specified in your OM&amp;M plan; and&lt;br&gt;(6) If complying with the THC concentration or THC percentage reduction limits specified in items 2 through 9 of Table 1 to this subpart, repeat the performance test under the conditions specified in items 2.a.2. and 2.a.3. of this table; and</td>
</tr>
</tbody>
</table>