<table>
<thead>
<tr>
<th>Control technique</th>
<th>Parameter to be monitored</th>
<th>Recordkeeping and reporting requirements for monitored parameters</th>
</tr>
</thead>
</table>
| Thermal Incinerator | Firebox temperature | 1. Continuous records as specified in §63.1429.  
2. Record and report the average firebox temperature measured during the performance test—NCS.  
3. Record the daily average firebox temperature for each operating day.  
4. Report all daily average temperatures that are below the minimum operating temperature established in the NCS or operating permit and all instances when insufficient monitoring data are not collected—PR.  
5. Report all operating days when insufficient monitoring data are collected. |
| Catalytic Incinerator | Temperature upstream and downstream of the catalyst bed. | 1. Continuous records as specified in §63.1429.  
2. Record and report the average upstream and downstream temperatures and the average temperature difference across the catalyst bed measured during the performance test—NCS.  
3. Record the daily average upstream temperature and temperature difference across catalyst bed for each operating day.  
4. Report all daily average upstream temperatures that are below the minimum upstream temperature established in the NCS or operating permit—PR.  
5. Report all daily average temperature differences across the catalyst bed that are below the minimum difference established in the NCS or operating permit—PR.  
6. Report all operating days when insufficient monitoring data are collected. |
| Boiler or Process Heater with a design heat input capacity less than 44 megawatts and where the process vents are not introduced with or used as the primary fuel. | Firebox temperature | 1. Continuous records as specified in §63.1429.  
2. Record and report the average firebox temperature measured during the performance test—NCS.  
3. Record the daily average firebox temperature for each operating day.  
4. Report all daily average temperatures that are below the minimum operating temperature established in the NCS or operating permit and all instances when insufficient monitoring data are not collected—PR.  
5. Report all operating days when insufficient monitoring data are collected. |
| Flare | Presence of a flame at the pilot light. | 1. Hourly records of whether the monitor was continuously operating and whether a flame was continuously present at the pilot light during each hour.  
2. Record and report the presence of a flame at the pilot light over the full period of the compliance determination—NCS.  
3. Record the times and durations of all periods when all flames at the pilot light of a flare are absent or the monitor is not operating.  
4. Report the times and durations of all periods when all flames at the pilot light of a flare are absent—PR. |
| Absorber | Exit temperature of the absorbing liquid, and. Exit specific gravity for the absorbing liquid. | 1. Continuous records as specified in §63.1429.  
2. Record and report the exit temperature of the absorbing liquid averaged over the full period of the TRE determination—NCS.  
3. Record the daily average exit temperature of the absorbing liquid for each operating day.  
4. Report all the daily average exit temperatures of the absorbing liquid that are below the minimum operating value established in the NCS or operating—PR.  
5. Continuous records as specified in §63.1429.  
2. Record and report the exit specific gravity averaged over the full period of the TRE determination—NCS.  
3. Record the daily average exit specific gravity for each operating day.  
4. Report all daily average exit specific gravity values that are below the minimum operating value established in the NCS or operating—PR.  
6. Continuous records as specified in §63.1429.  
2. Record and report the exit temperature averaged over the full period of the TRE determination—NCS.  
3. Record the daily average exit temperature for each operating day.  
4. Report all daily average exit temperatures that are above the maximum operating temperature established in the NCS or operating—PR. |
### Table 7 to Subpart PPP of Part 63—Process Vents from Continuous Unit Operations—Monitoring, Recordkeeping, and Reporting Requirements

<table>
<thead>
<tr>
<th>Control technique</th>
<th>Parameters to be monitored</th>
<th>Established operating parameter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal incinerator</td>
<td>Firebox temperature</td>
<td>Minimum temperature.</td>
</tr>
<tr>
<td></td>
<td>Temperature upstream and downstream of the catalyst bed.</td>
<td>Minimum upstream temperature; and minimum temperature difference across the catalyst bed.</td>
</tr>
<tr>
<td>Catalytic incinerator</td>
<td>Firebox temperature</td>
<td>Minimum temperature.</td>
</tr>
<tr>
<td></td>
<td>Temperature upstream and downstream of the catalyst bed.</td>
<td>Minimum temperature.</td>
</tr>
<tr>
<td>Boiler or process heater</td>
<td>Firebox temperature</td>
<td>Minimum flow rate or pressure drop; and maximum pH if an acid absorbent is used, or minimum pH if a base absorbent is used.</td>
</tr>
<tr>
<td>Absorber</td>
<td>Liquid flow rate or pressure drop; and pH of scrubber effluent, if an acid or base absorbent is used.</td>
<td>Maximum temperature.</td>
</tr>
<tr>
<td>Condenser</td>
<td>Exit temperature</td>
<td>Minimum mass or volumetric flow; and maximum temperature.</td>
</tr>
<tr>
<td>Carbon adsorber</td>
<td>Total regeneration stream mass or volumetric flow during carbon bed regeneration cycle; and temperature of the carbon bed after regeneration (and within 15 minutes of completing any cooling cycle(s)).</td>
<td>Minimum duration, or maximum partial pressure at the end of ECO, or maximum epoxide concentration in the reactor liquid at the end of ECO.</td>
</tr>
<tr>
<td>Extended Cookout (ECO)</td>
<td>Time from the end of the epoxide feed to the end of the ECO, or the reactor epoxide partial pressure at the end of the ECO, or the epoxide concentration in the reactor liquid at the end of the ECO.</td>
<td>Minimum duration, or maximum partial pressure at the end of ECO, or maximum epoxide concentration in the reactor liquid at the end of ECO.</td>
</tr>
</tbody>
</table>

- Monitor may be installed in the firebox or in the ductwork immediately downstream of the firebox before any substantial heat exchange is encountered.
- "Continuous records" is defined in §63.111.
- NCS = Notification of Compliance Status described in §63.1429.
- PR = Periodic Reports described in §63.1429.
- The periodic reports shall include the duration of periods when monitoring data are not collected as specified in §63.1439.
- Alternatively, these devices may comply with the organic monitoring device provisions listed at the end of this table.