

Control technique	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
Carbon Adsorber <sup>f</sup> .....	Total regeneration stream mass or volumetric flow during carbon bed regeneration cycle(s), and.  Temperature of the carbon bed after regeneration and within 15 minutes of completing any cooling cycle(s).	1. Record of total regeneration stream mass or volumetric flow for each carbon bed regeneration cycle. 2. Record and report the total regeneration stream mass or volumetric flow during each carbon bed regeneration cycle during the period of the TRE determination—NCS. <sup>c</sup> 3. Report all carbon bed regeneration cycles when the total regeneration stream mass or volumetric flow is above the maximum flow rate established in the NCS or operating permit—PR. <sup>d,e</sup>  1. Record the temperature of the carbon bed after each regeneration and within 15 minutes of completing any cooling cycle(s). 2. Record and report the temperature of the carbon bed after each regeneration during the period of the TRE determination—NCS. <sup>c</sup> 3. Report all carbon bed regeneration cycles when the temperature of the carbon bed after regeneration is above the maximum temperature established in the NCS or operating permit—PR. <sup>d,e</sup>
Absorber, Condenser, and Carbon Adsorber (as an alternative to the above).	Concentration level or reading indicated by an organic monitoring device at the outlet of the recovery device.	1. Continuous records as specified in §63.1429. <sup>b</sup> 2. Record and report the concentration level or reading averaged over the full period of the TRE determination—NCS. 3. Record the daily average concentration level or reading for each operating day. 4. Report all daily average concentration levels or readings that are above the maximum concentration or reading established in the NCS or operating—PR. <sup>d,e</sup>
All Combustion, recovery, or recapture devices.	Diversion to the atmosphere from the combustion, recovery, or recapture device <i>or</i> .  Monthly inspections of sealed valves.	1. Hourly records of whether the flow indicator was operating and whether a diversion was detected at any time during each hour. 2. Record and report the times of all periods when the vent stream is diverted through a bypass line, or the flow indicator is not operating—PR. <sup>d</sup>  1. Records that monthly inspections were performed as specified in §63.1429. 2. Record and report all monthly inspections that show that valves are in the diverting position or that a seal has been broken—PR. <sup>d</sup>

<sup>a</sup> Monitor may be installed in the firebox or in the ductwork immediately downstream of the firebox before any substantial heat exchange is encountered.

<sup>b</sup> “Continuous records” is defined in §63.111.

<sup>c</sup> NCS = Notification of Compliance Status described in §63.1429.

<sup>d</sup> PR = Periodic Reports described in §63.1429.

<sup>e</sup> The periodic reports shall include the duration of periods when monitoring data are not collected as specified in §63.1439.

<sup>f</sup> Alternatively, these devices may comply with the organic monitoring device provisions listed at the end of this table.

TABLE 7 TO SUBPART PPP OF PART 63—PROCESS VENTS FROM CONTINUOUS UNIT OPERATIONS—MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

Control technique	Parameters to be monitored	Established operating parameter(s)
Thermal incinerator .....	Firebox temperature .....	Minimum temperature.
Catalytic incinerator .....	Temperature upstream and downstream of the catalyst bed.	Minimum upstream temperature; and minimum temperature difference across the catalyst bed.
Boiler or process heater .....	Firebox temperature .....	Minimum temperature.
Absorber .....	Liquid flow rate or pressure drop; and pH of scrubber effluent, if an acid or base absorbent is used.	Minimum flow rate or pressure drop; and maximum pH if an acid absorbent is used, or minimum pH if a base absorbent is used.
Condenser .....	Exit temperature .....	Maximum temperature.
Carbon adsorber .....	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)).	Maximum mass or volumetric flow; and maximum temperature.
Extended Cookout (ECO) .....	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.	Minimum duration, or maximum partial pressure at the end of ECO, or maximum epoxide concentration in the reactor liquid at the end of ECO.

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Control technique	Parameters to be monitored	Established operating parameter(s)
Other devices (or as an alternate to the above). <sup>a</sup>	HAP concentration level or reading at outlet of device.	Maximum HAP concentration or reading.

<sup>a</sup> Concentration is measured instead of an operating parameter.

**TABLE 8 TO SUBPART PPP OF PART 63—ROUTINE REPORTS REQUIRED BY THIS SUBPART**

Reference	Description of report	Due date
§ 63.1439(b) and subpart A of this part.	Refer to § 63.1439(b), Table 1 of this subpart, and to subpart A of this part.	Refer to subpart A of this part.
§ 63.1439(e)(3) .....	Initial notification .....	New affected sources w/ initial start-up at least 90 days after June 1, 1999: submit the application for approval of construction or reconstruction in lieu of the initial notification report. New affected sources w/ initial start-up prior to 90 days after June 1, 1999: by 90 days after June 1, 1999.
§ 63.1439(e)(4) .....	Precompliance Report <sup>a</sup> .....	Existing affected sources: 12 months prior to compliance date. New affected sources: with the application for approval of construction or reconstruction.
§ 63.1439(e)(5) .....	Notification of Compliance Status <sup>b</sup> .	Within 150 days after the compliance date.
§ 63.1439(e)(6) .....	Periodic Reports .....	Semiannually, no later than 60 days after the end of each 6-month period. See § 63.1439(e)(6)(i) for the due date for this report.
§ 63.1439(e)(6)(iii) .....	Quarterly reports for sources with excursions (upon request of the Administrator).	No later than 60 days after the end of each quarter.
§ 63.506(e)(7)(i) .....	Storage Vessels Notification of Inspection.	At least 30 days prior to the refilling of each storage vessel or the inspection of each storage vessel.

<sup>a</sup> There may be two versions of this report due at different times; one for equipment subject to § 63.1434 and one for other emission points subject to this subpart.

<sup>b</sup> There will be two versions of this report due at different times; one for equipment subject to § 63.1434 and one for other emission points subject to this subpart.

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