Reference	Applies to subpart PPP	Explanation	Applicable section of subpart PPP
Subpart U:			
63.480–63.487.	No.		
63.488	Yes	Portions of 63.488(b) and (e) are cross-referenced in subpart PPP..	
63.489–63.506.	No.		

TABLE 3 TO SUBPART PPP OF PART 63—GROUP 1 STORAGE VESSELS AT EXISTING AND NEW AFFECTED SOURCES

Vessel capacity (cubic meters)	Vapor Pressure [a] (kilopascals)
75 ≤ capacity < 151	≥ 13.1
capacity ≥ 151	≥ 5.2

[a] Maximum true vapor pressure of total organic HAP at storage temperature.

TABLE 4 TO SUBPART PPP OF PART 63—KNOWN ORGANIC HAP FROM POLYETHER POLYOL PRODUCTS

Organic HAP/chemical name [CAS No.]
1,3 Butadiene (106990)
Epichlorohydrin (106898)
Ethylene Oxide (75218)
n-Hexane (110543)
Methanol (67561)
Propylene Oxide (75569)
Toluene (108883)

CAS No. = Chemical Abstracts Service Registry Number.

[65 FR 26505, May 8, 2000]

TABLE 5 TO SUBPART PPP OF PART 63—PROCESS VENTS FROM BATCH UNIT OPERATIONS—MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

Control technique	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
Thermal Incinerator	Firebox temperature [a]	1. Continuous records as specified in § 63.1429. [b] 2. Record and report the average firebox temperature measured during the performance test—NCS. [c] 3. Record the daily average firebox temperature as specified in § 63.1429.

Control technique	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
		4. Report all daily average temperatures that are below the minimum operating temperature established in the NCS or operating permit and all instances when monitoring data are not collected—PR.[d,e]
Catalytic Incinerator	Temperature upstream and downstream of the catalyst bed.	1. Continuous records as specified in §63.1429.[b] 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.[c] 3. Record the daily average upstream temperature and temperature difference across catalyst bed as specified in §63.1429. 4. Report all daily average upstream temperatures that are below the minimum upstream temperature established in the NCS or operating permit—PR.[d,e] 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.[d,e] 6. Report all instances when monitoring data are not collected.[c]
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[a]	1. Continuous records as specified in §63.1429.[b] 2. Record and report the average firebox temperature measured during the performance test—NCS[c] 3. Record the daily average firebox temperature as specified in §63.1429.[d] 4. Report all daily average temperatures that are below the minimum operating temperature established in the NCS or operating permit and all instances when monitoring data are not collected—PR.[d,e]
Flare	Presence of a flame at the pilot light.	1. Hourly records of whether the monitor was continuously operating during batch emission episodes selected for control 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.[c] 3. Record the times and durations of all periods during batch emission episodes 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 during batch emission episodes selected for control when all flames at the pilot light of a flare are absent—Pr.[d]
Absorber[f]	Liquid flow rate into or out of the scrubber, or the pressure drop across the scrubber.	1. Records every 15 minutes, as specified in §63.1429.[b] 2. Record and report the average liquid flow rate into or out of the scrubber, or the pressure drop across the scrubber, measured during the performance test—NCS. 3. Record the liquid flow rate into or out of the scrubber, or the pressure drop across the scrubber, every 15 minutes, as specified in §63.1429. 4. Report all scrubber flow rates or pressure drop values that are below the minimum operating value established in the NCS or operating permit and all instances when monitoring data are not collected—PR.[d,e]
	pH of the scrubber	1. Once daily records as specified in §63.1429.[b] 2. Record and report the average pH of the scrubber effluent measured during the performance test—NCS.[c] 3. Record at least once daily the pH of the scrubber effluent. 4. Report all pH scrubber effluent readings out of the range established in the NCS or operating permit and all instances when monitoring data are not collected—PR.[d,e] If a base absorbent is used, report all pH values that are below the minimum operating values. If an acid absorbent is used, report all pH values that are above the maximum operating values.
Condenser[f]	Exit (product side) temperature	1. Continuous records as specified in §63.1429.[b] 2. Record and report the average exit temperature measured during the performance test—NCS. 3. Record the daily average exit temperature as specified in §63.1429.

Control technique	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
		4. Report all daily average exit temperatures that are above the maximum operating temperature established in the NCS or operating permit and all instances when monitoring data are not collected—PR.[d,e]
Carbon Adsorber[f]	Total regeneration stream mass or volumetric flow during carbon bed regeneration cycle(s), and.	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 performance test—NCS.[c] 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.[d,e]
	Temperature of the carbon bed after regeneration and within 15 minutes of completing any cooling cycle(s).	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 and within 15 minutes of completing any cooling cycle(s) measured during the performance test—NCS.[c] 3. Report all carbon bed regeneration cycles when the temperature of the carbon bed after regeneration, or within 15 minutes of completing any cooling cycle(s), is above the maximum temperature established in the NCS or operating permit—PR.[d,e]
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.[b] 2. Record and report the average concentration level or reading measured during the performance test—NCS. 3. Record the daily average concentration level or reading as specified in §63.1429. 4. Report all daily average concentration levels or readings that are above the maximum concentration or reading established in the NCS or operating permit and all instances when monitoring data are not collected—PR.[d,e]
All Combustion, recovery, or recapture devices.	Diversion to the atmosphere from the combustion, recovery, or recapture device or.	1. Hourly records of whether the flow indicator was operating during batch emission episodes selected for control and whether a diversion was detected at any time during the hour, as specified in §63.1429. 2. Record and report the times of all periods during batch emission episodes selected for control when emissions are diverted through a bypass line, or the flow indicator is not operating—PR.[d]
	Monthly inspections of sealed valves.	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.[d]
ECO	Time from the end of the epoxide feed, or the epoxide partial pressure in the reactor or direct measurement of epoxide concentration in the reactor liquid at the end of the ECO.	1. Records at the end of each batch, as specified in §63.1427(i). 2. Record and report the average parameter value of the parameters chosen, measured during the performance test. 3. Record the batch cycle ECO duration, epoxide partial pressure, or epoxide concentration in the liquid at the end of the ECO 4. Report all batch cycle parameter values outside of the ranges established in accordance with §63.1427(i)(3) and all instances when monitoring data were not collected—PR.[d,e]

[a] Monitor may be installed in the firebox or in the ductwork immediately downstream of the firebox before any substantial heat exchange is encountered.

[b] "Continuous records" is defined in §63.111.

[c] NCS = Notification of Compliance Status described in §63.1429.

[d] PR = Periodic Reports described in §63.1429.

[e] The periodic reports shall include the duration of periods when monitoring data are not collected as specified in §63.1439.

[f] Alternatively, these devices may comply with the organic monitoring device provisions listed at the end of this table.