

§ 63.507

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shutdown, and malfunction plan required by § 63.6(e)(3).

(B) An excused excursion, as described in § 63.505(i), shall not be considered an excursion for the purposes of paragraph (h)(2) of this section.

[62 FR 46925, Sept. 5, 1996, as amended at 64 FR 11547, Mar. 9, 1999; 65 FR 38076, June 19, 2000; 66 FR 36928, July 16, 2001]

§ 63.507 Implementation and enforcement.

(a) This subpart can be implemented and enforced by the U.S. EPA, or a delegated authority such as the applicable State, local, or Tribal agency. If the U.S. EPA Administrator has delegated authority to a State, local, or Tribal agency, then that agency, in addition to the U.S. EPA, has the authority to implement and enforce this subpart. Contact the applicable U.S. EPA Regional Office to find out if this subpart is delegated to a State, local, or Tribal agency.

(b) In delegating implementation and enforcement authority of this subpart to a State, local, or Tribal agency under subpart E of this part, the authorities contained in paragraph (c) of this section are retained by the Administrator of U.S. EPA and cannot be transferred to the State, local, or Tribal agency.

(c) The authorities that cannot be delegated to State, local, or Tribal

agencies are as specified in paragraphs (c)(1) through (4) of this section.

(1) Approval of alternatives to the requirements in §§ 63.480 through 63.481, 63.483(a) through (c), 63.484, 63.485(a) through (k), (m) through (s), (u), 63.486 through 63.487, 63.488(a), (b)(1) through (4), (5)(iv) through (v), (6) through (7), (c) through (i), 63.493 through 63.494, 63.500(a)(1) through (3), (b), 63.501, 63.502(a) through (f), (i), (k) through (m), and 63.503. Where these standards reference another subpart, the cited provisions will be delegated according to the delegation provisions of the referenced subpart. Where these standards reference another subpart and modify the requirements, the requirements shall be modified as described in this subpart. Delegation of the modified requirements will also occur according to the delegation provisions of the referenced subpart.

(2) Approval of major alternatives to test methods under § 63.7(e)(2)(ii) and (f), as defined in § 63.90, and as required in this subpart.

(3) Approval of major alternatives to monitoring under § 63.8(f), as defined in § 63.90, and as required in this subpart.

(4) Approval of major alternatives to recordkeeping and reporting under § 63.10(f), as defined in § 63.90, and as required in this subpart.

[68 FR 37349, June 23, 2003]

TABLE 1 TO SUBPART U OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART U AFFECTED SOURCES

Reference	Applies to subpart U	Explanation
§ 63.1(a)(1)	Yes	§ 63.482 specifies definitions in addition to or that supersede definitions in § 63.2.
§ 63.1(a)(2)	Yes.	
§ 63.1(a)(3)	Yes	§ 63.481(f) through (k) and § 63.160(b) identify those standards which may apply in addition to the requirements of subparts U and H of this part, and specify how compliance shall be achieved.
§ 63.1(a)(4)	Yes	Subpart U (this table) specifies the applicability of each paragraph in subpart A to subpart U.
§ 63.1(a)(5)	No	[Reserved.]
§ 63.1(a)(6)–(8)	Yes.	
§ 63.1(a)(9)	No	[Reserved.]
§ 63.1(a)(10)	Yes.	
§ 63.1(a)(11)	Yes.	
§ 63.1(a)(12)–(14)	Yes.	
§ 63.1(b)(1)	No	§ 63.480(a) contains specific applicability criteria.
§ 63.1(b)(2)	Yes.	
§ 63.1(b)(3)	No	§ 63.480(b) provides documentation requirements for EPPUs not considered affected sources.
§ 63.1(c)(1)	Yes	Subpart U (this table) specifies the applicability of each paragraph in subpart A to subpart U.
§ 63.1(c)(2)	No	Area sources are not subject to subpart U.
§ 63.1(c)(3)	No	[Reserved.]

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Reference	Applies to subpart U	Explanation
§ 63.1(c)(4)	Yes.	
§ 63.1(c)(5)	Yes	Except that affected sources are not required to submit notifications that are not required by subpart U.
§ 63.1(d)	No	[Reserved].
§ 63.1(e)	Yes.	
§ 63.2	Yes	§ 63.482 specifies those subpart A definitions that apply to subpart U.
§ 63.3	Yes.	
§ 63.4(a)(1)–(3)	Yes.	
§ 63.4(a)(4)	No	[Reserved].
§ 63.4(a)(5)	Yes.	
§ 63.4(b)	Yes.	
§ 63.4(c)	Yes.	
§ 63.5(a)(1)	Yes	Except the terms “source” and “stationary source” should be interpreted as having the same meaning as “affected source”.
§ 63.5(a)(2)	Yes.	
§ 63.5(b)(1)	Yes	Except § 63.480(i) defines when construction or reconstruction is subject to new source standards.
§ 63.5(b)(2)	No	[Reserved].
§ 63.5(b)(3)	Yes.	
§ 63.5(b)(4)	Yes	Except that the Initial Notification and § 63.9(b) requirements do not apply.
§ 63.5(b)(5)	Yes.	
§ 63.5(b)(6)	Yes	Except that § 63.480(i) defines when construction or reconstruction is subject to the new source standards.
§ 63.5(c)	No	[Reserved].
§ 63.5(d)(1)(i)	Yes	Except that the references to the Initial Notification and § 63.9(b)(5) do not apply.
§ 63.5(d)(1)(ii)	Yes	Except that § 63.5(d)(1)(ii)(H) does not apply.
§ 63.5(d)(1)(iii)	No	§ 63.506(e)(5) and § 63.502(f) specify Notification of Compliance Status requirements.
§ 63.5(d)(2)	No.	
§ 63.5(d)(3)	Yes	Except § 63.5(d)(3)(ii) does not apply, and equipment leaks subject to § 63.502 are exempt.
§ 63.5(d)(4)	Yes.	
§ 63.5(e)	Yes.	
§ 63.5(f)(1)	Yes.	
§ 63.5(f)(2)	Yes	Except that where § 63.9(b)(2) is referred to, the owner or operator need not comply.
§ 63.6(a)	Yes.	
§ 63.6(b)(1)	No	The dates specified in § 63.481(b) apply, instead.
§ 63.6(b)(2)	No.	
§ 63.6(b)(3)	No.	
§ 63.6(b)(4)	No.	
§ 63.6(b)(5)	No.	
§ 63.6(b)(6)	No	[Reserved].
§ 63.6(b)(7)	No.	
§ 63.6(c)(1)	Yes	§ 63.481 specifies the compliance date.
§ 63.6(c)(2)	No.	
§ 63.6(c)(3)	No	[Reserved].
§ 63.6(c)(4)	No	[Reserved].
§ 63.6(c)(5)	Yes.	
§ 63.6(d)	No	[Reserved].
§ 63.6(e)	Yes	Except as otherwise specified for individual paragraphs. Does not apply to Group 2 emission points, unless they are included in an emissions average. ^a
§ 63.6(e)(1)(i)	No	This is addressed by § 63.480(j)(4).
§ 63.6(e)(1)(ii)	Yes.	
§ 63.6(e)(1)(iii)	Yes.	
§ 63.6(e)(2)	Yes.	
§ 63.6(e)(3)(i)	Yes	For equipment leaks (subject to § 63.502), the start-up, shutdown, and malfunction plan requirement of § 63.6(e)(3)(i) is limited to control devices and is optional for other equipment. The start-up, shutdown, and malfunction plan may include written procedures that identify conditions that justify a delay of repair.
§ 63.6(e)(3)(i)(A)	No	This is addressed by § 63.480(j)(4).
§ 63.6(e)(3)(i)(B)	Yes.	
§ 63.6(e)(3)(i)(C)	Yes.	
§ 63.6(e)(3)(ii)	Yes.	
§ 63.6(e)(3)(iii)	No	Recordkeeping and reporting are specified in § 63.506(b)(1).
§ 63.6(e)(3)(iv)	No	Recordkeeping and reporting are specified in § 63.506(b)(1).
§ 63.6(e)(3)(v)	Yes.	
§ 63.6(e)(3)(vi)	Yes.	
§ 63.6(e)(3)(vii)	Yes.	
§ 63.6(e)(3)(vii)(A)	Yes.	
§ 63.6(e)(3)(vii)(B)	Yes	Except the plan shall provide for operation in compliance with § 63.480(j)(4).
§ 63.6(e)(3)(vii)(C)	Yes.	
§ 63.6(e)(3)(viii)	Yes.	
§ 63.6(f)(1)	Yes.	
§ 63.6(f)(2)	Yes	Except 63.7(c), as referred to in § 63.6(f)(2)(iii)(D) does not apply, and except that § 63.6(f)(2)(ii) does not apply to equipment leaks subject to § 63.502.

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Reference	Applies to subpart U	Explanation
§ 63.6(f)(3)	Yes.	
§ 63.6(g)	Yes.	
§ 63.6(h)	No	Subpart U does not require opacity and visible emission standards.
§ 63.6(i)(1)	Yes.	
§ 63.6(i)(2)	Yes.	
§ 63.6(i)(3)	Yes.	
§ 63.6(i)(4)(i)(A)	Yes.	
§ 63.6(i)(4)(i)(B)	No	Dates are specified in § 63.481(e) and § 63.506(e)(3)(i).
§ 63.6(i)(4)(ii)	No.	
§ 63.6(i)(5)-(14)	Yes.	
§ 63.6(i)(15)	No	[Reserved.].
§ 63.6(i)(16)	Yes.	
§ 63.6(j)	Yes.	
§ 63.7(a)(1)	Yes.	
§ 63.7(a)(2)	No.	§ 63.506(e)(5) specifies the submittal dates of performance test results for all emission points except equipment leaks; for equipment leaks, compliance demonstration results are reported in the Periodic Reports.
§ 63.7(a)(3)	Yes.	
§ 63.7(b)	No	§ 63.504(a)(4) specifies notification requirements.
§ 63.7(c)	No	Except if the owner or operator chooses to submit an alternative nonopacity emission standard for approval under § 63.6(g).
§ 63.7(d)	Yes.	
§ 63.7(e)(1)	Yes	Except that all performance tests shall be conducted at maximum representative operating conditions achievable at the time without disruption of operations or damage to equipment.
§ 63.7(e)(2)	Yes.	
§ 63.7(e)(3)	No	Subpart U specifies requirements.
§ 63.7(e)(4)	Yes.	
§ 63.7(f)	Yes	Except that § 63.144(b)(5)(iii)(A) & (B) shall apply for process wastewater. Also, since a site specific test plan is not required, the notification deadline in § 63.7(f)(2)(i) shall be 60 days prior to the performance test, and in § 63.7(f)(3) approval or disapproval of the alternative test method shall not be tied to the site specific test plan.
§ 63.7(g)	Yes	Except that the requirements in § 63.506(e)(5) shall apply instead of references to the Notification of Compliance Status report in 63.9(h). In addition, equipment leaks subject to § 63.502 are not required to conduct performance tests.
§ 63.7(h)	Yes	Except § 63.7(h)(4)(ii) is not applicable, since the site-specific test plans in § 63.7(c)(2) are not required.
§ 63.8(a)(1)	Yes.	
§ 63.8(a)(2)	No.	
§ 63.8(a)(3)	No	[Reserved.].
§ 63.8(a)(4)	Yes.	
§ 63.8(b)(1)	Yes.	
§ 63.8(b)(2)	No	Subpart U specifies locations to conduct monitoring.
§ 63.8(b)(3)	Yes.	
§ 63.8(c)(1)	Yes.	
§ 63.8(c)(1)(i)	Yes.	
§ 63.8(c)(1)(ii)	No	For all emission points except equipment leaks, comply with § 63.506(b)(1)(i)(B); for equipment leaks, comply with § 63.181(g)(2)(iii).
§ 63.8(c)(1)(iii)	Yes.	
§ 63.8(c)(2)	Yes.	
§ 63.8(c)(3)	Yes.	
§ 63.8(c)(4)	No	§ 63.505 specifies monitoring frequency; not applicable to equipment leaks, because § 63.502 does not require continuous monitoring systems.
§ 63.8(c)(5)-(8)	No.	
§ 63.8(d)	No.	
§ 63.8(e)	No.	
§ 63.8(f)(1)-(3)	Yes.	
§ 63.8(f)(4)(i)	No	Timeframe for submitting request is specified in § 63.506(f) or (g); not applicable to equipment leaks, because § 63.502 (through reference to subpart H) specifies acceptable alternative methods.
§ 63.8(f)(4)(ii)	No	Contents of request are specified in § 63.506(f) or (g).
§ 63.8(f)(4)(iii)	No.	
§ 63.8(f)(5)(i)	Yes.	
§ 63.8(f)(5)(ii)	No.	
§ 63.8(f)(5)(iii)	Yes.	
§ 63.8(f)(6)	No	Subpart U does not require CEM's.
§ 63.8(g)	No	Data reduction procedures specified in § 63.506(d) and (h); not applicable to equipment leaks.
§ 63.9(a)	Yes.	
§ 63.9(b)	No	Subpart U does not require an initial notification.
§ 63.9(c)	Yes.	
§ 63.9(d)	Yes.	
§ 63.9(e)	No	§ 63.504(a)(4) specifies notification deadline.

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Reference	Applies to sub-part U	Explanation
§ 63.9(f)	No	Subpart U does not require opacity and visible emission standards.
§ 63.9(g)	No	
§ 63.9(h)	No	§ 63.506(e)(5) specifies Notification of Compliance Status requirements.
§ 63.9(i)	Yes	
§ 63.9(j)	No	
§ 63.10(a)	Yes	
§ 63.10(b)(1)	No	§ 63.506(a) specifies record retention requirements.
§ 63.10(b)(2)	No	Subpart U specifies recordkeeping requirements.
§ 63.10(b)(3)	No	§ 63.480(b) requires documentation of sources that are not affected sources.
§ 63.10(c)	No	§ 63.506 specifies recordkeeping requirements.
§ 63.10(d)(1)	Yes	
§ 63.10(d)(2)	No	§ 63.506(e)(5) specifies performance test reporting requirements; not applicable to equipment leaks.
§ 63.10(d)(3)	No	Subpart U does not require opacity and visible emission standards.
§ 63.10(d)(4)	Yes	
§ 63.10(d)(5)(i)	Yes	Except that reports required by § 63.10(d)(5)(i) shall be submitted at the same time as Periodic Reports specified in § 63.506(e)(6). The start-up, shutdown, and malfunction plan, and any records or reports of start-up, shutdown, and malfunction do not apply to Group 2 emission points unless they are included in an emissions average.
§ 63.10(d)(5)(ii)	No	
§ 63.10(e)	No	§ 63.506 specifies reporting requirements.
§ 63.10(f)	Yes	
§ 63.11	Yes	§ 63.11(b) specifies requirements for flares used to comply with provisions of this subpart. § 63.504(c) contains the requirements to conduct compliance demonstrations for flares subject to this subpart.
§ 63.12	Yes	Except that the authority of § 63.503(i) and the authority of § 63.177 (for equipment leaks) will not be delegated to States.
§§ 63.13–63.15	Yes	

^aThe plan and any records or reports of start-up, shutdown, and malfunction do not apply to Group 2 emission points unless they are included in an emissions average.

[66 FR 36928, July 16, 2001]

TABLE 2 TO SUBPART U OF PART 63—APPLICABILITY OF SUBPARTS F, G, & H OF THIS PART TO SUBPART U AFFECTED SOURCES

Reference	Applies to Sub-part U	Comment	Applicable section of Subpart U
Subpart F:			
§ 63.100	No		
§ 63.101	Yes	Several definitions from § 63.101 are referenced in § 63.482.	§ 63.482.
§§ 63.102–63.103	No		
§§ 63.104–63.105	Yes		§§ 63.501 and 63.502.
§§ 63.106–63.109	No		
Subpart G:			
§ 63.110	No		
§ 63.111	Yes	Several definitions from § 63.111 reference in § 63.482 ..	§ 63.482.
§ 63.112	No		
§§ 63.113–63.118	Yes	With the differences noted in § 63.485 (b) through § 63.485(k).	
§§ 63.119–63.123	Yes	With the differences noted in § 63.484(c) through 63.484(s).	63.484.
§§ 63.124–63.125	No	[Reserved.]	
§§ 63.126–63.130	No		
§ 63.131		[Reserved.]	
§§ 63.133–63.147	Yes	With the differences noted in § 63.501(a)(1) through (19)	§ 63.501.
§§ 63.148–63.149	Yes	With the differences noted in §§ 63.484(c) through (s) and 63.501(a)(1) through (23).	§§ 63.484 and 63.501.
§ 63.150(a) through (f)	No		
§ 63.150(g)(1) and (2)	No		
§ 63.150(g)(3)	Yes		§ 63.503(g)(3).
§ 63.150(g)(4)	No		
§ 63.150(g)(5)	Yes		§ 63.503(g)(5).
§ 63.150(h)(1) and (2)	No		
§ 63.150(h)(3)	Yes		§ 63.503(h)(3).
§ 63.150(h)(4)	No		
§ 63.150(h)(5)	Yes		§ 63.503(h)(5).
§ 63.150(i) through (o)	No		
§§ 63.151–63.152	No		

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Reference	Applies to Subpart U	Comment	Applicable section of Subpart U
Subpart H: §§ 63.160-63.182	Yes	Subpart U affected sources shall comply with all requirements of subpart H of this part, with the differences noted in § 63.502.	§ 63.502.

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

Vessel capacity (cubic meters)	Vapor pressure ^a (kilopascals)
75 ≤ capacity < 151	≥ 13.1
151 ≤ capacity	≥ 5.2

^aMaximum true vapor pressure of total organic HAP at storage temperature.

TABLE 4 TO SUBPART U OF PART 63—GROUP 1 STORAGE VESSELS AT NEW SOURCES

Vessel capacity (cubic meters)	Vapor Pressure ^a (kilopascals)
38 ≤ capacity < 151	≥ 13.1
151 ≤ capacity	≥ 0.7

^aMaximum true vapor pressure of total organic HAP at storage temperature.

TABLE 5 TO SUBPART U OF PART 63—KNOWN ORGANIC HAP EMITTED FROM THE PRODUCTION OF ELASTOMER PRODUCTS

[Known organic HAP emitted from the production of elastomer products]

Organic HAP/chemical name (CAS No.)	Elastomer product/subcategory											
	BR	EPI	EPR	HBR	HYP	NEO	NBL	NBR	PBR/SBRS	PSR	SBL	SBRE
Acrylonitrile (107131)							✓	✓				
1,3 Butadiene (106990)							✓	✓	✓		✓	✓
Carbon Disulfide							✓	✓	✓		✓	✓
Carbon Tetrachloride (56235)					✓							
Chlorobenzene (108907)					✓							
Chloroform (67663)					✓							
Chloroprene (126998)						✓						
Epichlorohydrin (106898)		✓										
Ethylbenzene (100414)	✓										✓	
Ethylene Dichloride (107062)										✓		
Ethylene Oxide (75218)		✓								✓		
Formaldehyde (50000)		✓								✓		
Hexane (110543)	✓			✓					✓			
Methanol (67561)	✓								✓			
Methyl Chloride (74873)	✓				✓				✓			
Propylene Oxide (75569)		✓										
Styrene (100425)									✓		✓	✓
Toluene (108883)		✓	✓			✓			✓			
Xylenes (1330207)	✓								✓			
Xylene (m-) (108383)	✓								✓			
Xylene (o-) (95476)	✓								✓			
Xylene (p-) (106423)	✓								✓			

CAS No. = Chemical Abstract Service Number.
 BR = Butyl Rubber.
 EPI = Epichlorohydrin Rubber.
 EPR = Ethylene Propylene Rubber.
 HBR = Halobutyl Rubber.
 HYP = Hypalon™.
 NEO = Neoprene.
 NBL = Nitrile Butadiene Latex.
 NBR = Nitrile Butadiene Rubber.
 PBR/SBRS = Polybutadiene and Styrene Butadiene Rubber by Solution.
 PSR = Polysulfide Rubber.
 SBL = Styrene Butadiene Latex.
 SBRE = Styrene Butadiene Rubber by Emulsion.

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TABLE 6 TO SUBPART U OF PART 63—GROUP 1 BATCH FRONT-END PROCESS VENTS AND AGGREGATE BATCH VENT STREAMS—MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

Control/recovery device	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
Thermal incinerator	Firebox temperature ^a	<ol style="list-style-type: none"> 1. Continuous records as specified in §63.491(e)(1).^b 2. Record and report the average firebox temperature measured during the performance test—NCS.^c 3. Record the batch cycle daily average firebox temperature as specified in §63.491(e)(2). 4. Report all batch cycle daily average temperatures 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,c}
Catalytic incinerator	Temperature upstream and downstream of the catalyst bed.	<ol style="list-style-type: none"> 1. Continuous records as specified in §63.491(e)(1).^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 batch cycle daily average upstream temperature and temperature difference across catalyst bed as specified in §63.491(e)(2). 4. Report all batch cycle daily average upstream temperatures that are below the minimum upstream value established in the NCS or operating permit—PR.^{d,c} 5. Reporting all batch cycle daily average temperature differences across the catalyst bed that are below the minimum difference established in the NCS or operating permit—PR.^{d,c} 6. Report all instances when monitoring data are not collected.
Boiler or process heater with a design heat input capacity less than 44 megawatts and where the batch front-end process vents or aggregate batch vent streams are “not” introduced with or used as the primary fuel.	Firebox temperature ^a	<ol style="list-style-type: none"> 1. Continuous records as specified in §63.491(e)(1).^b 2. Record and report the average firebox temperature measured during the performance test—NCS.^c 3. Record the batch cycle daily average firebox temperature as specified in §63.491(e)(2).^d 4. Report all batch cycle daily average temperatures 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,c}
Flare	Presence of a flame at the pilot light	<ol style="list-style-type: none"> 1. Hourly records of whether the monitor was continuously operating during light batch emission episodes selected for control and whether a flame was continuously present at the pilot light during each hour.

Control/recovery device	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
<p>Scrubber for halogenated batch front-end process vents or aggregate batch vent streams (Note: Controlled by a combustion device other than a flare).</p>	<p>a. pH of scrubber effluent, and</p> <p>b. Scrubber liquid and gas flow rates (§63.489(b)(4)(ii)).</p>	<p>2. Record and report the presence of a flame at the pilot light over the full period of the compliance determination—NCS.^c</p> <p>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.</p> <p>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</p> <p>1. Continuous records as specified in §63.491(e)(1).^b</p> <p>2. Record and report the average pH of the scrubber effluent measured during the performance test—NCS.^c</p> <p>3. Record the batch cycle daily average pH of the scrubber effluent as specified in §63.491(e)(2).</p> <p>4. Report all batch cycle daily average pH values of the scrubber effluent that are below the minimum operating value established in the NCS or operating permit and all instances when insufficient monitoring data are collected—PR.^{d,c}</p> <p>1. Records as specified in §63.491(e)(1).^b</p> <p>2. Record and report the scrubber liquid/gas ratio averaged over the full period of the performance test—NCS.^c</p> <p>3. Record the batch cycle daily average scrubber liquid/gas ratio as specified in §63.491(e)(2).</p> <p>4. Report all batch cycle daily average scrubber liquid/gas ratios that are below the minimum value established in the NCS or operating permit and all instances when insufficient monitoring data are collected—PR.^{d,c}</p>
<p>Absorber\A</p>	<p>a. Exit temperature of the absorbing liquid, and</p> <p>b. Exit specific gravity of the absorbing liquid.</p>	<p>1. Continuous records as specified in §63.491(e)(1).^b</p> <p>2. Record and report the average exit temperature of the absorbing liquid measured during the performance test—NCS.^c</p> <p>3. Record the batch cycle daily average exit temperature of the absorbing liquid as specified in §63.491(e)(2) for each batch cycle.</p> <p>4. Report all the batch cycle daily average exit temperatures of the absorbing liquid 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,c}</p> <p>1. Continuous records as specified in §63.491(e)(1).^b</p> <p>2. Record and report the average exit specific gravity measured during the performance test—NCS.</p> <p>3. Record the batch cycle daily average exit specific gravity as specified in §63.491(e)(2).</p>

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Control/recovery device	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
Condenser\A	Exit (product side) temperature	<p>4. Report all batch cycle daily average exit specific gravity 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,c}</p> <p>1. Continuous records as specified in §63.491(e)(1)^b</p> <p>2. Record and report the average exit temperature measured during the performance test—NCS.</p> <p>3. Record the batch cycle daily average exit temperature as specified in §63.491(e)(2).</p> <p>4. Report all batch cycle daily average exit temperatures that are above the maximum operating value established in the NCS or operating permit and all instances when monitoring data are not collected—PR.^{d,c}</p>
Carbon adsorber ^f	<p>a. Total regeneration steam flow or nitrogen flow, or pressure gauge or absolute) during carbon bed regeneration cycle(s), and</p> <p>b. Temperature of the carbon bed after regeneration and within 15 minutes of completing any cooling cycle(s).</p>	<p>1. Record of total regeneration steam flow or nitrogen flow, or pressure for each carbon bed regeneration cycle.</p> <p>2. Record and report the total regeneration steam flow or nitrogen flow, or pressure during each carbon bed regeneration cycle during the performance test—NCS.^c</p> <p>3. Report all carbon bed regeneration cycles when the total regeneration steam flow or nitrogen flow, or pressure is above the maximum value established in the NCS or operating permit—PR.^{d,c}</p> <p>1. Record the temperature of the carbon bed after each regeneration and within 15 minutes of completing any cooling cycle(s).</p> <p>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</p> <p>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 value established in the NCS or operating permit—PR.^{d,c}</p>
All control devices	<p>a. Diversion to the atmosphere from the control device or</p> <p>b. Monthly inspections of sealed valves</p>	<p>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 §63.491(e)(3).</p> <p>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</p> <p>1. Records that monthly inspections were performed as specified in §63.491(e)(4)(i).</p> <p>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</p>

Control/recovery device	Parameter to be monitored	Recordkeeping and reporting requirements for monitored parameters
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.	<ol style="list-style-type: none"> 1. Continuous records as specified in § 63.491(e)(1).^b 2. Record and report and average batch vent concentration level or reading measured during the performance test—NCS. 3. Record the batch cycle daily average concentration level or reading as specified in § 63.491(e)(2). 4. Report all batch cycle daily average concentration levels or readings that are above the maximum values established in the NCS or operating permit and all instances when monitoring data are not collected—PR.^{d,c}

^a Monitor may be installed in the firebox or in the duct work 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 § 63.506(e)(5).

^d PR = Periodic Reports described in § 63.506(e)(6).

^e The periodic reports shall include the duration of periods when monitoring data are not collected as specified in § 63.506(e)(6)(iii)(C).

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

[66 FR 36928, July 16, 2001]

TABLE 7 TO SUBPART U OF PART 63—OPERATING PARAMETERS FOR WHICH MONITORING LEVELS ARE REQUIRED TO BE ESTABLISHED FOR CONTINUOUS AND BATCH FRONT-END PROCESS VENTS AND AGGREGATE BATCH VENT STREAMS

Control/recovery device	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.
Scrubber for halogenated vents	pH of scrubber effluent; and scrubber liquid and gas flow rates.	Minimum pH; and minimum liquid/gas ratio.
Absorber	[§ 63.489(b)(4)(ii)] Exit temperature of the absorbing liquid; and exit specific gravity of the absorbing liquid.	Maximum temperature; and maximum specific gravity.
Condenser	Exit temperature	Maximum temperature.
Carbon adsorber	Total regeneration steam flow or nitrogen flow, or pressure (gauge or absolute) ^a during carbon bed regeneration cycle; and temperature of the carbon bed after regeneration (and within 15 minutes of completing any cooling cycle(s)).	Maximum flow or pressure; and maximum temperature.
Other devices (or as an alternate to the above) ^b .	HAP concentration level or reading at outlet of device.	Maximum HAP concentration or reading.

^a 25 to 50 mm (absolute) is a common pressure level obtained by pressure swing absorbers.

^b Concentration is measured instead of an operating parameter.

[65 FR 38093, June 19, 2000]

TABLE 8 TO SUBPART U OF PART 63—SUMMARY OF COMPLIANCE ALTERNATIVE REQUIREMENTS FOR THE BACK-END PROCESS PROVISIONS

Compliance alternative	Parameter to be monitored	Requirements
Compliance Using Stripping Technology, Demonstrated through Periodic Sampling [§ 63.495(b)].	Residual organic HAP content in each sample of crumb or latex.	<ol style="list-style-type: none"> (1) If a stripper operated in batch mode is used, at least one representative sample is to be taken from every batch. (2) If a stripper operated in continuous mode is used, at least one representative sample is to be taken each operating day.

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Compliance alternative	Parameter to be monitored	Requirements
Compliance Using Stripping Technology, Demonstrated through Stripper Parameter Monitoring [§ 63.495(c)].	Quantity of Material (weight of latex or dry crumb rubber) represented by each sample. At a minimum, temperature, pressure, steaming rates (for steam strippers), and some parameter that is indicative of residence time.	(1) Acceptable methods of determining this quantity are production records, measurement of stream characteristics, and engineering calculations. (1) Establish stripper operating parameter levels for each grade in accordance with §63.505(e). (2) Continuously monitor stripper operating parameters. (3) If hourly average parameters are outside of the established operating parameter levels, a crumb or latex sample shall be taken in accordance with §63.495(c)(3)(ii).
Determining Compliance Using Control or Recovery Devices [§ 63.496].	Parameters to be monitored are described in Table 3 of subpart G of this part.	Comply with requirements listed in Table 3 of subpart G of this part, except for the requirements for halogenated vent stream scrubbers.

[65 FR 38093, June 19, 2000]

TABLE 9 TO SUBPART U OF PART 63—ROUTINE REPORTS REQUIRED BY THIS SUBPART

Reference	Description of report	Due Date
§ 63.506(b) and subpart A	Refer to § 63.506(b), Table 1 of this subpart, and to subpart A.	Refer to subpart A.
§ 63.506(e)(3)	Precompliance Report ^a	1. Existing affected sources: December 19, 2000. 2. New affected sources: with the application for approval of construction or reconstruction. September 19, 2000.
§ 63.506(e)(4)	Emissions Averaging Plan	120 days prior to making the change necessitating the update.
§ 63.506(e)(4)(iv)	Updates to Emissions Averaging Plan	Within 150 days after the compliance date.
§ 63.506(e)(5)	Notification of Compliance Status ^b	Semiannually, no later than 60 days after the end of each 6-month period. See § 63.506(e)(6)(i) for the due date for this report.
§ 63.506(e)(6)	Periodic reports	No later than 60 days after the end of each quarter. First report is due with the Notification of Compliance Status.
§ 63.506(e)(6)(xi)	Quarterly for reports Emissions Averaging.	No later than 60 days after the end of each quarter.
§ 63.506(e)(6)(xii)	Quarterly reports upon request of the Administrator.	At least 30 days prior to the refilling of each storage vessel or the inspection of each storage vessel.
§ 63.506(e)(7)(i)	Storage Vessels Notification of Inspection.	Initial submittal is due with the Emissions Averaging Plan; later submittals are made at the discretion of the owner or operator as specified in § 63.506(e)(7)(ii)(B).
§ 63.506(e)(7)(ii)	Requests for Approval of a Nominal Control Efficiency for Use in Emissions Averaging.	For notification under § 63.480(f)(3)(ii)—notification submittal date at the discretion of the owner or operator. ^c For notification under § 63.480(f)(4)(ii)—within 6 months of making the determination.
§ 63.506(e)(7)(iii)	Notification of Change in the Primary Product.	

^a There may be two versions of this report due at different times; one for equipment subject to § 63.502 and one for other emission points subject to this subpart.

^b There will be two versions of this report due at different times; one for equipment subject to § 63.502 and one for other emission points subject to this subpart.

^c Note that the EPPU remains subject to this subpart until the notification under § 63.480(f)(3)(i) is made.

[66 FR 36928, July 16, 2001]

Subpart V [Reserved]

Subpart W—National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production

SOURCE: 60 FR 12676, Mar. 8, 1995, unless otherwise noted.

§ 63.520 Applicability and designation of sources.

The provisions of this subpart apply to all existing, new, and reconstructed manufacturers of basic liquid epoxy resins (BLR) and manufacturers of wet strength resins (WSR) that are located at a plant site that is a major source, as defined in section 112(a) of the Clean Air Act. Research and development facilities, as defined in § 63.522, are exempt from the provisions of this subpart. The affected source is also defined in § 63.522. If a change occurs to an existing source that does not constitute reconstruction then the additions have to meet the existing source requirements of the MACT standards. Any reconstruction of an existing source, or construction of a new source, must meet the new source standard. Affected sources are also subject to certain requirements of subpart A of this part, as specified in Table 1 of this subpart.

§ 63.521 Compliance schedule.

(a) Owners or operators of existing affected BLR and WSR sources shall comply with the applicable provisions of this subpart within 3 years of the promulgation date.

(b) New and reconstructed sources subject to this subpart shall be in compliance with the applicable provisions of this subpart upon startup.

§ 63.522 Definitions.

Terms used in this subpart are defined in the Act, in subpart A of this part, or in this section as follows:

Administrator means the Administrator of the U.S. Environmental Protection Agency, or any official designee of the Administrator.

Affected source means all HAP emission points within a facility that are

related to the production of BLR or WSR, including process vents, storage tanks, wastewater systems, and equipment leaks.

Basic liquid epoxy resins (BLR) means resins made by reacting epichlorohydrin and bisphenol A to form diglycidyl ether of bisphenol-A (DGEBA).

Batch emission episode means a discrete venting episode that may be associated with a single unit operation. For example, a displacement of vapor resulting from the charging of a vessel with HAP will result in a discrete emission episode that will last through the duration of the charge and will have an average flow rate equal to the rate of the charge. If the vessel is then heated, there will also be another discrete emission episode resulting from the expulsion of expanded vessel vapor space. Both emission episodes may occur in the same vessel or unit operation. There are possibly other emission episodes that may occur from the vessel or other process equipment, depending on process operations.

Batch process refers to a discontinuous process involving the bulk movement of material through sequential manufacturing steps. Mass, temperature, concentration, and other properties of a system vary with time. Addition of raw material and withdrawal of product do not typically occur simultaneously in a batch process.

Closed-vent system means a system that is not open to the atmosphere and is composed of piping, ductwork, connections, and, if necessary, flow-inducing devices that transport gas or vapor from an emission point to a control device or back into the process.

Continuous process means a process where the inputs and outputs flow continuously throughout the duration of the process. Continuous processes are typically steady-state.

Drain system means the system used to convey wastewater streams from a process unit, product storage tank, or feed storage tank to a waste management unit. The term includes all process drains and junction boxes, together with their associated sewer lines and other junction boxes, manholes, sumps, and lift stations, down to the receiving waste management unit. A segregated