

(h)(2) of this section, there is an excursion as defined in paragraph (h)(2)(iv) of this section, the owner or operator shall immediately resume retaining the daily average (or batch cycle daily average) value for each operating day and shall notify the Administrator in the next Periodic Report. The owner or operator shall continue to retain each daily average (or batch cycle daily average) value until another period of 6 consecutive months has passed without an excursion as defined in paragraph (h)(2)(iv) of this section.

(iii) The owner or operator shall retain the records specified in paragraphs (h)(1)(i) through (h)(1)(iii) of this section, for the duration specified in paragraph (h) of this section. For any calendar week, if compliance with paragraphs (h)(1)(i) through (h)(1)(iv) of this section does not result in retention of a record of at least one occurrence or measured parameter value, the owner or operator shall record and retain at least one parameter value during a period of operation other than a start-up, shutdown, or malfunction.

(iv) For purposes of paragraph (h) of this section, an excursion means that the daily average (or batch cycle daily average) value of monitoring data for a parameter is greater than the maximum, or less than the minimum established value, except as provided in paragraphs (h)(2)(iv)(A) and (h)(2)(iv)(B) of this section.

(A) The daily average or (batch cycle daily average) value during any start-up, shutdown, or malfunction shall not be considered an excursion for purposes of paragraph (h)(2) of this section, if the owner or operator follows the applicable provisions of § 63.6(e)(1).

(B) An excused excursion, as described in § 63.1334(g), shall not be considered an excursion for purposes of paragraph (h)(2) of this section.

[61 FR 48229, Sept. 12, 1996, as amended at 64 FR 11553, Mar. 9, 1999; 65 FR 38131, June 19, 2000; 66 FR 36939, July 16, 2001; 71 FR 20460, Apr. 20, 2006]

**§ 63.1336 Implementation and enforcement.**

(a) This subpart can be implemented and enforced by the U.S. EPA, or a del-

egated 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 §§ 63.1310 through 63.1311, 63.1313 through 63.1315(a)(1) through (9), (11) through (18), (b) through (e), 63.1316, 63.1321 through 63.1322, 63.1323(a), (b)(1) through (4), (b)(5)(iv) through (v), (b)(6) through (7), (c) through (j), and 63.1328 through 63.1332. 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 for 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 37357, June 23, 2003]

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

Reference	Applies to Subpart JJJ	Explanation
§ 63.1(a)(1) .....	Yes .....	§ 63.1312 specifies definitions in addition to or that supersede definitions in § 63.2.
§ 63.1(a)(2) .....	Yes.	
§ 63.1(a)(3) .....	Yes .....	§ 63.1311(g) through (l) and § 63.160(b) identify those standards which may apply in addition to the requirements of subparts JJJ and H of this part, and specify how compliance shall be achieved.
§ 63.1(a)(4) .....	Yes .....	Subpart JJJ (this table) specifies the applicability of each paragraph in subpart A to subpart JJJ.
§ 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 .....	§ 63.1310(a) contains specific applicability criteria.
§ 63.1(b)(2) .....	Yes.	
§ 63.1(b)(3) .....	No .....	§ 63.1310(b) provides documentation requirements for TPPUs not considered affected sources.
§ 63.1(c)(1) .....	Yes .....	Subpart JJJ (this table) specifies the applicability of each paragraph in subpart A to subpart JJJ.
§ 63.1(c)(2) .....	No .....	Area sources are not subject to subpart JJJ.
§ 63.1(c)(3) .....	No .....	[Reserved.]
§ 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 JJJ.
§ 63.1(d) .....	No .....	[Reserved.]
§ 63.1(e) .....	Yes.	
§ 63.2 .....	Yes .....	§ 63.1312 specifies those subpart A definitions that apply to subpart JJJ.
§ 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 § 63.1310(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 § 63.1310(i) defines when construction or reconstruction is subject to 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 .....	§§ 63.1335(e)(5) and 63.1331(a)(4) 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 § 63.1331 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 § 63.1311(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.	

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Reference	Applies to Subpart JJJ	Explanation
§ 63.6(c)(1) .....	Yes .....	Except that § 63.1311 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. <sup>a</sup>
§ 63.6(e)(1)(i) .....	No .....	This is addressed by § 63.1310(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 § 63.1331), 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, 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 § 63.1310(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 § 63.1335(b)(1).
§ 63.6(e)(3)(iv) .....	No .....	Recordkeeping and reporting are specified in § 63.1335(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 (B) compliance with § 63.1310(j)(4).
§ 63.6(e)(3)(vii)(C) .....	Yes .....	
§ 63.6(e)(3)(viii) .....	Yes .....	
§ 63.6(e)(3)(ix) .....	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 § 63.1331.
§ 63.6(f)(3) .....	Yes .....	
§ 63.6(g) .....	Yes .....	
§ 63.6(h) .....	No .....	Subpart JJJ 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 § 63.1311(e) and § 63.1335(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 .....	§ 63.1335(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 .....	§ 63.1333(a)(4) specifies notification requirements.
§ 63.7(c) .....	No .....	
§ 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 JJJ specifies requirements.
§ 63.7(e)(4) .....	Yes .....	
§ 63.7(f) .....	Yes .....	Except that § 63.144(b)(5)(iii)(A) and (B) shall apply for process wastewater. Also, because 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.

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Reference	Applies to Subpart JJJ	Explanation
§ 63.7(g) .....	Yes .....	Except that the requirements in §63.1335(e)(5) shall apply instead of references to the Notification of Compliance Status report in §63.9(h). In addition, equipment leaks subject to §63.1331 are not required to conduct performance tests.
§ 63.7(h) .....	Yes .....	Except § 63.7(h)(4)(ii) is not applicable, because 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 JJJ 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 §63.1335(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 .....	§ 63.1334 specifies monitoring frequency; not applicable to equipment leaks because §63.1331 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 §63.1335(f) or (g); not applicable to equipment leaks because §63.1331 (through reference to subpart H) specifies acceptable alternative methods.
§ 63.8(f)(4)(ii) .....	No .....	Contents of requests are specified in § 63.1335(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 JJJ does not require continuous emission monitors.
§ 63.8(g) .....	No .....	Data reduction procedures specified in §63.1335(d) and (h); not applicable to equipment leaks.
§ 63.9(a) .....	Yes.	
§ 63.9(b) .....	No .....	Subpart JJJ does not require an initial notification.
§ 63.9(c) .....	Yes.	
§ 63.9(d) .....	Yes.	
§ 63.9(e) .....	No .....	§ 63.1333(a)(4) specifies notification deadline.
§ 63.9(f) .....	No .....	Subpart JJJ does not require opacity and visible emission standards.
§ 63.9(g) .....	No.	
§ 63.9(h) .....	No .....	§ 63.1335(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 .....	§ 63.1335(a) specifies record retention requirements.
§ 63.10(b)(2) .....	No .....	Subpart JJJ specifies recordkeeping requirements.
§ 63.10(b)(3) .....	No .....	§ 63.1310(b) requires documentation of sources that are not affected sources.
§ 63.10(c) .....	No .....	§ 63.1335 specifies recordkeeping requirements.
§ 63.10(d)(1) .....	Yes.	
§ 63.10(d)(2) .....	No .....	§ 63.1335(e) specifies performance test reporting requirements; not applicable to equipment leaks.
§ 63.10(d)(3) .....	No .....	Subpart JJJ 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) may be submitted at the same time as Periodic Reports specified in §63.1335(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 .....	§ 63.1335 specifies reporting requirements.
§ 63.10(f) .....	Yes.	

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Reference	Applies to Subpart JJJ	Explanation
§ 63.11	Yes	§ 63.11(b) specifies requirements for flares used to comply with provisions of this subpart. § 63.1333(e) contains the requirements to conduct compliance demonstrations for flares subject to this subpart. Except that the authority of § 63.1332(i) and the authority of § 63.177 (for equipment leaks) shall not be delegated to States.
§ 63.12	Yes	
§§ 63.13-63.15	Yes.	

<sup>a</sup>The 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 36939, July 16, 2001, as amended at 71 FR 20460, Apr. 20, 2006]

TABLE 2 TO SUBPART JJJ OF PART 63—GROUP 1 STORAGE VESSELS AT EXISTING AFFECTED SOURCES

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

<sup>a</sup>Maximum true vapor pressure of total organic HAP at storage temperature.

[65 FR 38142, June 19, 2000]

TABLE 3 TO SUBPART JJJ OF PART 63—GROUP 1 STORAGE VESSELS AT EXISTING AFFECTED SOURCES PRODUCING THE LISTED THERMOPLASTICS

Thermoplastic	Chemical <sup>a</sup>	Vessel capacity (cubic meters)	Vapor pressure <sup>b</sup> (kilopascals)
ASA/AMSAN <sup>c</sup>	styrene/acrylonitrile mixture	≥ 3.78	≥ 0.47
		≥ 75.7	≥ 1.62
Polystyrene, continuous processes	all chemicals	< 75.7	≥ 14.2
		≥ 75.7	≥ 1.9
Nitrile <sup>c</sup>	acrylonitrile	≥ 13.25	≥ 1.8

<sup>a</sup>Vessel capacity and vapor pressure criteria are specific to the listed chemical or to "all chemicals," as indicated.

<sup>b</sup>Maximum true vapor pressure of total organic HAP at storage temperature.

<sup>c</sup>The applicability criteria in Table 2 of this subpart shall be used for chemicals not specifically listed in this table (i.e., Table 3).

[64 FR 11553, Mar. 9, 1999]

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

Vessel capacity (cubic meters)	Vapor pressure <sup>a</sup> (kilopascals)
38 ≤ capacity < 151	≥ 13.1
151 ≤ capacity	≥ 0.7

<sup>a</sup>Maximum true vapor pressure of total organic HAP at storage temperature.

TABLE 5 TO SUBPART JJJ OF PART 63—GROUP 1 STORAGE VESSELS AT NEW AFFECTED SOURCES PRODUCING THE LISTED THERMOPLASTICS

Thermoplastic	Chemical <sup>a</sup>	Vessel capacity (cubic meters)	Vapor pressure <sup>b</sup> (kilopascals)
ASA/AMSAN <sup>c</sup>	Styrene/ acrylonitrile mixture	≥ 3.78	≥ 0.47
		≥ 75.7	≥ 1.62
SAN, continuous <sup>d</sup>	All chemicals	≥ 2,271	≥ 0.5 and < 0.7
		< 151	≥ 10
Nitrile <sup>c</sup>	Acrylonitrile	≥ 151	≥ 0.7
		≥ 13.25	≥ 1.8
Polystyrene, continuous processes	All chemicals	≥ 19.6 and < 45.4	≥ 7.48

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Thermoplastic	Chemical <sup>a</sup>	Vessel capacity (cubic meters)	Vapor pressure <sup>b</sup> (kilopascals)
ABS, continuous mass .....	Styrene .....	≥ 45.4 and <109.8 .....	≥ 0.61
		≥ 109.8 .....	≥ 0.53
		≥ 45.43 .....	≥ 0.078
		≥ 38 and < 45.43 .....	≥ 13.1
		≥ 45.43 .....	≥ 0.53

<sup>a</sup> Vessel capacity and vapor pressure criteria are specific to the listed chemical, to "all chemicals," or to "all other chemicals," as indicated.  
<sup>b</sup> Maximum true vapor pressure of total organic HAP at storage temperature.  
<sup>c</sup> The applicability criteria in Table 4 of this subpart shall be used for chemicals not specifically listed in this table (i.e., Table 5).  
<sup>d</sup> The control level for the first two sets of applicability criteria are specified in 63.1314 as 90% and 98%, respectively. The control level for the third set of applicability criteria is the HON control level of 95%.

[64 FR 11553, Mar. 9, 1999]

TABLE 6 TO SUBPART JJJ OF PART 63—KNOWN ORGANIC HAP EMITTED FROM THE PRODUCTION OF THERMOPLASTIC PRODUCTS

Thermoplastic product/Sub-category	Organic HAP/chemical name (CAS No.)							
	Acet-aldehyde (75-07-0)	Acrylonitrile (107-13-1)	1,3 Butadiene (106-99-0)	1,4-Dioxane (123-91-1)	Ethylene Glycol (107-21-1)	Methanol (67-56-1)	Methyl methacrylate (80-62-6)	Styrene (100-42-5)
ABS latex .....		✓	✓					✓
ABS using a batch emulsion process .....		✓	✓					✓
ABS using a batch suspension process .....		✓	✓					✓
ABS using a continuous emulsion process .....		✓	✓					✓
ABS using a continuous mass process .....		✓	✓					✓
ASA/AMSAN .....		✓						✓
EPS .....		✓						✓
MABS .....		✓	✓					✓
MBS .....			✓				✓	✓
Nitrile resin .....		✓						✓
PET using a batch dimethyl terephthalate process .....	✓			✓	✓	✓		
PET using a batch terephthalic acid process .....	✓			✓	✓			
PET using a continuous dimethyl terephthalate process .....	✓			✓	✓	✓		
PET using a continuous terephthalic acid process .....	✓			✓	✓			
PET using a continuous terephthalic acid high viscosity multiple end finisher process .....	✓			✓	✓			
Polystyrene resin using a batch process .....								✓
Polystyrene resin using a continuous process .....								✓
SAN using a batch process .....		✓						✓

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Thermoplastic product/Sub-category	Organic HAP/chemical name (CAS No.)							
	Acet-aldehyde (75-07-0)	Acrylonitrile (107-13-1)	1,3 Butadiene (106-99-0)	1,4-Dioxane (123-91-1)	Ethylene Glycol (107-21-1)	Methanol (67-56-1)	Methyl methacrylate (80-62-6)	Styrene (100-42-5)
SAN using a continuous process		✓						✓

CAS No. = Chemical Abstract Service Number.  
 ABS = Acrylonitrile butadiene styrene resin.  
 ASA/AMSAN = Acrylonitrile styrene resin/alpha methyl styrene acrylonitrile resin.  
 EPS = expandable polystyrene resin.  
 MABS = methyl methacrylate acrylonitrile butadiene styrene resin.  
 PET = poly(ethylene terephthalate) resin.  
 SAN = styrene acrylonitrile resin.  
 MBS = methyl methacrylate butadiene styrene resin.

[66 FR 36942, July 16, 2001]

TABLE 7 TO SUBPART JJJ OF PART 63—GROUP 1 BATCH PROCESS VENTS AND AGGREGATE BATCH VENT STREAMS—  
MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS



Control device	Parameters to be monitored	Recordkeeping and reporting requirements for monitored parameters
Thermal incinerator .....	Firebox temperature <sup>a</sup> .....	<ol style="list-style-type: none"> <li>1. Continuous records as specified in § 63.1326(e)(1). <sup>b</sup></li> <li>2. Record and report the average firebox temperature measured during the performance test—NCS. <sup>c</sup></li> <li>3. Record the batch cycle daily average firebox temperature as specified in § 63.1326(e)(2).</li> <li>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. <sup>d,e</sup></li> </ol>
Catalytic incinerator .....	Temperature upstream and downstream of the catalyst bed.	<ol style="list-style-type: none"> <li>1. Continuous records as specified in § 63.1326(e)(1). <sup>b</sup></li> <li>2. Record and report the average upstream and bed downstream temperatures and the average temperature difference across the catalyst bed measured during the performance test—NCS. <sup>c</sup></li> <li>3. Record the batch cycle daily average upstream temperature and temperature difference across catalyst bed as specified in § 63.1326(e)(2).</li> <li>4. Report all batch cycle daily average upstream temperatures that are below the minimum upstream value established in the NCS or operating permit—PR. <sup>d,e</sup></li> <li>5. Report 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. <sup>d,e</sup></li> <li>6. Report all instances when monitoring data are not collected. <sup>c</sup></li> </ol>
Boiler or Process Heater with a design heat input capacity less than 44 megawatts and where the batch process vents or aggregate batch vent streams are not introduced with or used as the primary fuel.	Firebox temperature <sup>a</sup> .....	<ol style="list-style-type: none"> <li>1. Continuous records as specified in § 63.1326(e)(1). <sup>b</sup></li> <li>2. Record and report the average firebox temperature measured during the performance test—NCS. <sup>c</sup></li> <li>3. Record the batch cycle daily average firebox temperature as specified in § 63.1326(e)(2). <sup>d</sup></li> <li>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. <sup>d,e</sup></li> </ol>
Flare .....	Presence of a flame at the pilot light.	<ol style="list-style-type: none"> <li>1. Hourly records of whether the monitor was continuously operating during batch emission episodes, or portions thereof, selected for control and whether a flame was continuously present at the pilot light during said periods.</li> <li>2. Record and report the presence of a flame at the pilot light over the full period of the compliance determination—NCS. <sup>c</sup></li> <li>3. Record the times and durations of all periods during batch emission episodes, or portions thereof, selected for control when all flames at the pilot light of a flare are absent or the monitor is not operating.</li> <li>4. Report the times and durations of all periods during batch emission episodes, or portions thereof, selected for control when all flames at the pilot light of a flare are absent—PR. <sup>d</sup></li> </ol>
Scrubber for halogenated batch process vents or aggregate batch vent streams (Note: Controlled by a combustion device other than a flare).	a. pH of scrubber effluent, and .....	<ol style="list-style-type: none"> <li>1. Continuous records as specified in § 63.1326(e)(1). <sup>b</sup></li> <li>2. Record and report the average pH of the scrubber effluent measured during the performance test—NCS. <sup>c</sup></li> <li>3. Record the batch cycle daily average pH of the scrubber effluent as specified in § 63.1326(e)(2).</li> <li>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 monitoring data are not collected—PR. <sup>d,e</sup></li> </ol>

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Control device	Parameters to be monitored	Recordkeeping and reporting requirements for monitored parameters
Absorber <sup>f</sup> .....	<p>b. Scrubber liquid and gas flow rates.</p> <p>a. Exit temperature of the absorbing liquid, and.</p> <p>b. Exit specific gravity for the absorbing liquid.</p>	<p>1. Records as specified in §63.1326(e)(1).<sup>b</sup></p> <p>2. Record and report the scrubber liquid/gas ratio averaged over the full period of the performance test—NCS.<sup>c</sup></p> <p>3. Record the batch cycle daily average scrubber liquid/gas ratio as specified in §63.1326(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 monitoring data are not collected—PR.<sup>d,e</sup></p> <p>1. Continuous records as specified in §63.1326(e)(1).<sup>b</sup></p> <p>2. Record and report the average exit temperature of the absorbing liquid measured during the performance test—NCS.<sup>c</sup></p> <p>3. Record the batch cycle daily average exit temperature of the absorbing liquid as specified in §63.1326(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 value established in the NCS or operating permit and all instances when monitoring data are not collected—PR.<sup>d,e</sup></p> <p>1. Continuous records as specified in §63.1326(e)(1).<sup>b</sup></p> <p>2. Record and report the average exit specific gravity measured during the performance test—NCS.<sup>c</sup></p> <p>3. Record the batch cycle daily average exit specific gravity as specified in §63.1326(e)(2).</p> <p>4. Report all batch cycle daily average exit specific gravity values that are above the maximum operating value established in the NCS or operating permit and all instances when monitoring data are not collected—PR.<sup>d,e</sup></p>
Condenser <sup>f</sup> .....	Exit (product side) temperature .....	<p>1. Continuous records as specified in §63.1326(e)(1).<sup>b</sup></p> <p>2. Record and report the average exit temperature measured during the performance test—NCS.<sup>c</sup></p> <p>3. Record the batch cycle daily average exit temperature as specified in §63.1326(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.<sup>d,e</sup></p>
Carbon Adsorber <sup>f</sup> .....	<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 the 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 carbon bed regeneration cycle measured during the performance test—NCS.<sup>c</sup></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.<sup>d,e</sup></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.<sup>c</sup></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.<sup>d,e</sup></p>

Control device	Parameters to be monitored	Recordkeeping and reporting requirements for monitored parameters
All control devices .....	<p>a. Diversion to the atmosphere from the control device or.</p> <p>b. Monthly inspection of sealed valves..</p>	<p>1. Hourly records of whether the flow indicator was operating during batch emission episodes, or portions thereof, selected for control and whether a diversion was detected at any time during said periods as specified in § 63.1326(e)(3).</p> <p>2. Record and report the times of all periods during batch emission episodes, or portions thereof, selected for control when emissions are diverted through a bypass line or the flow indicator is not operating—PR.<sup>d</sup></p> <p>1. Records that monthly inspections were performed as specified in § 63.1326(e)(4)(i).</p> <p>2. Record and report all monthly inspections that show the valves are in the diverting position or that a seal has been broken—PR.<sup>d</sup></p>
Absorber, condenser, and carbon Adsorber (as an alternative to the requirements previously presented in this table).	Concentration level or reading indicated by an organic monitoring device at the outlet of the control device.	<p>1. Continuous records as specified in § 63.1326(e)(1).<sup>b</sup></p> <p>2. Record and report the average batch vent concentration level or reading measured during the performance test—NCS.<sup>c</sup></p> <p>3. Record the batch cycle daily average concentration level or reading as specified § 63.1326(e)(2).</p> <p>4. Report all batch cycle daily average concentration levels or readings that are above the maximum value established in the NCS or operating permit and all instances when monitoring data are not collected—PR.<sup>d,e</sup></p>

<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 § 63.1335(e)(5).

<sup>d</sup> PR = Periodic Reports described in § 63.1335(e)(6).

<sup>e</sup> The periodic reports shall include the duration of periods when monitoring data are not collected as specified in § 63.1335(e)(6)(iii)(C).

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

[66 FR 36939, July 16, 2001]

TABLE 8 TO SUBPART JJJ OF PART 63—OPERATING PARAMETERS FOR WHICH LEVELS ARE REQUIRED TO BE ESTABLISHED FOR CONTINUOUS AND BATCH PROCESS VENTS AND AGGREGATE BATCH VENT STREAMS

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 [§ 63.1324(b)(4)(ii)].	Minimum pH; and minimum liquid/gas ratio.
Absorber .....	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) <sup>a</sup> 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 requirements previously presented in this table) <sup>b</sup> .	HAP concentration level or reading at outlet of device.	Maximum HAP concentration or reading.

<sup>a</sup> 25 to 50 mm (absolute) is a common pressure level obtained by pressure swing absorbers.

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

[65 FR 38145, June 19, 2000]

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

Reference	Description of report	Due date
§ 63.1335(b) and subpart A .....	Refer to Table 1 and subpart A .....	Refer to subpart A.
§ 63.1335(e)(3) .....	Precompliance Report <sup>a</sup> .....	Existing affected sources—December 19, 2000. New affected sources—with application for approval of construction or reconstruction.
§ 63.1335(e)(4) .....	Emissions Averaging Plan .....	September 19, 2000.
§ 63.1335(e)(4)(iv) .....	Updates to Emissions Averaging Plan .....	120 days prior to making the change necessitating the update.
§ 63.1335(e)(5) .....	Notification of Compliance Status <sup>b</sup> .....	Within 150 days after the compliance date.
§ 63.1335(e)(6) .....	Periodic Reports .....	Semiannually, no later than 60 days after the end of each 6-month period. See § 63.1335(e)(6)(i) for the due date for the first report.
§ 63.1335(e)(6)(xi) .....	Quarterly reports for Emissions Averaging.	No later than 60 days after the end of each quarter. First report is due with the Notification of Compliance Status.
§ 63.1335(e)(6)(xii) .....	Quarterly reports upon request of the Administrator.	No later than 60 days after the end of each quarter.
§ 63.1335(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.
§ 63.1335(e)(7)(ii) .....	Requests for Approval of a Nominal Control Efficiency for Use in Emissions Averaging.	Initial submittal is due with the Emissions Averaging Plan specified in § 63.1335(e)(4)(ii); later submittals are made at the discretion of the owner or operator as specified in § 63.1335(e)(7)(ii) (B).
§ 63.1335(e)(7)(iii) .....	Notification of Change in the Primary Product.	1. For notification under § 63.1310(f)(3)(ii)—notification submittal date at the discretion of the owner or operator. <sup>c</sup> 2. For notification under § 63.1310(f)(4)(ii)—within 6 months of making the determination.

<sup>a</sup> There may be two versions of this report due at different times; one for equipment subject to § 63.1331 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 § 63.1331 and one for other emission points subject to this subpart.  
<sup>c</sup> Note that the TPU remains subject to this subpart until the notification under § 63.1310(f)(3)(i) is made.

[66 FR 36939, July 16, 2001]

**Subpart KKK [Reserved]**

**Subpart LLL—National Emission Standards for Hazardous Air Pollutants From the Portland Cement Manufacturing Industry**

SOURCE: 64 FR 31925, June 14, 1999, unless otherwise noted.

**GENERAL**

**§ 63.1340 Applicability and designation of affected sources.**

(a) Except as specified in paragraphs (b) and (c) of this section, the provisions of this subpart apply to each new and existing portland cement plant

which is a major source or an area source as defined in § 63.2.

(b) The affected sources subject to this subpart are:

(1) Each kiln and each in-line kiln/raw mill at any major or area source, including alkali bypasses, except for kilns and in-line kiln/raw mills that burn hazardous waste and are subject to and regulated under subpart EEE of this part;

(2) Each clinker cooler at any portland cement plant which is a major source;

(3) Each raw mill at any portland cement plant which is a major source;

(4) Each finish mill at any portland cement plant which is a major source;

(5) Each raw material dryer at any portland cement plant which is a major