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If you apply surface coatings to metal cans or metal can parts in this subcategory . . .	Then for all coatings of this type . . .	You must meet the following organic HAP emission limit in kg HAP/liter solids (lbs HAP/gal solids): ^{a,b}
	c. Repair spray coatings	0.64 (5.34).

^a If you apply surface coatings of more than one type within any one subcategory you may calculate an OSEL according to § 63.3531(i).

^b Rounding differences in specific emission limits are attributable to unit conversions.

TABLE 2 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR EXISTING AFFECTED SOURCES

You must comply with the emission limits that apply to your affected source in the following table as required by § 63.3490(a) through (c).

If you apply surface coatings to metal cans or metal can parts in this subcategory . . .	Then for all coatings of this type . . .	You must meet the following organic HAP emission limit in kg HAP/liter solids (lbs HAP/gal solids): ^{a,b}
1. One and two-piece draw and iron can body coating.	a. Two-piece beverage cans—all coatings.	0.07 (0.59).
	b. Two-piece food cans—all coatings	0.06 (0.51).
	c. One-piece aerosol cans—all coatings	0.12 (0.99).
2. Sheetcoating	Sheetcoating	0.03 (0.26).
3. Three-piece can assembly	a. Inside spray	0.29 (2.43).
	b. Aseptic side seam stripes on food cans.	1.94 (16.16).
	c. Nonaseptic side seam stripes on food cans.	0.79 (6.57).
	d. Side seam stripes on general line nonfood cans.	1.18 (9.84).
	e. Side seam stripes on aerosol cans	1.46 (12.14).
4. End coating	a. Aseptic end seal compounds	0.06 (0.54).
	b. Nonaseptic end seal compounds	0.00 (0.00).
	c. Repair spray coatings	2.06 (17.17).

^a If you apply surface coatings of more than one type within any one subcategory you may calculate an OSEL according to § 63.3531(i).

^b Rounding differences in specific emission limits are attributable to unit conversions.

TABLE 3 TO SUBPART KKKK OF PART 63—EMISSION LIMITS FOR AFFECTED SOURCES USING THE CONTROL EFFICIENCY/OUTLET CONCENTRATION COMPLIANCE OPTION

You must comply with the emission limits that apply to your affected source in the following table as required by § 63.3490(d).

If you use the control efficiency/outlet concentration option to comply with the emission limitations for any coating operation(s) . . .	Then you must comply with one of the following by using an emissions control system to . . .
1. in a new or reconstructed affected source	a. reduce emissions of total HAP, measured as THC (as carbon), ^a by 97 percent; or b. limit emissions of total HAP, measured as THC (as carbon), ^a to 20 ppmvd at the control device outlet and use a PTE.
2. in an existing affected source	a. reduce emissions of total HAP, measured as THC (as carbon), ^a by 95 percent; or b. limit emissions of total HAP, measured as THC (as carbon), ^a to 20 ppmvd at the control device outlet and use a PTE.

^a You may choose to subtract methane from THC as carbon measurements.

TABLE 4 TO SUBPART KKKK OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION OR THE CONTROL EFFICIENCY/OUTLET CONCENTRATION COMPLIANCE OPTION

If you are required to comply with operating limits by § 63.3492, you must comply with the applicable operating limits in the following table:

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For the following device . . .	You must meet the following operating limit . . .	And you must demonstrate continuous compliance with the operating limit by . . .
1. Thermal oxidizer	a. The average combustion temperature in each 3-hour block period must not fall below the combustion temperature limit established according to § 63.3546(a) or § 63.3556(a).	i. Collecting the combustion temperature data according to § 63.3547(c) or § 63.3557(c); ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average combustion temperature at or above the temperature limit established according to § 63.3546(a) or § 63.3556(a).
2. Catalytic oxidizer	a. The average temperature difference across the catalyst bed in each 3-hour period does not fall below the temperature difference limit established according to § 63.3546(b)(2) or § 63.3556(b)(2); or b. The average temperature measured at the inlet to the catalyst bed in each 3-hour block period must not fall below the limit established according to § 63.3546(b) or § 63.3556(b); and c. Develop and implement an inspection and maintenance plan according to § 63.3546(b)(4) or § 63.3556(b)(4).	i. Collecting the temperature data according to § 63.3547(c) or § 63.3578(c); ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average temperature difference at or above the temperature difference limit established according to § 63.3546(b)(2) or § 63.3556(b)(2). i. Collecting the temperature data according to § 63.3547(c) or § 63.3557(c); and ii. Reducing the data to 3-hour block averages, and iii. Maintaining the 3-hour block average temperature at the inlet to the catalyst bed at or above the temperature limit established according to § 63.3546(b) or § 63.3556(b). Maintaining an up-to-date inspection plan, records of annual catalyst activity checks, records of monthly inspections of the oxidizer system, and records of the annual internal inspections of the catalyst bed. If a problem is discovered during a monthly or annual inspection required by § 63.3546(b)(4) or § 63.3556(b)(4), you must take corrective action as soon as practicable consistent with the manufacturer's recommendations.
3. Regenerative oxidizers	a. Develop and implement a valve inspection plan according to § 63.3546(c) or § 63.3546(c); and either b. If you are using a regenerative thermal oxidizer, follow the operating limits according to 1.a of this table; or c. If you are using a regenerative catalytic oxidizer, follow the operating limits according to item 2.a of this table.	Maintaining an up-to-date valve inspection plan. If a problem is discovered during an inspection required by § 63.3556(c), or § 63.3556(c), you must take corrective action as soon as soon as practicable. See all applicable items in 1.a of this table. See all applicable items in 2.a, 2.b, and 2.c of this table.
4. Carbon adsorber	a. The total regeneration desorbing gas (e.g., steam or nitrogen) mass flow for each carbon bed regeneration cycle must not fall below the total regeneration desorbing gas mass flow limit established according to § 63.3546(d) or § 63.3556(d). b. The temperature of the carbon bed, after completing each regeneration and any cooling cycle, must not exceed the carbon bed temperature limit established according to § 63.3546(d) or § 63.3556(d).	i. Measuring the total regeneration desorbing gas (e.g., steam or nitrogen) mass flow for each regeneration cycle according to § 63.3547(d) or § 63.3557(d); and ii. Maintaining the total regeneration desorbing gas mass flow at or above the mass flow limit. i. Measuring the temperature of the carbon bed, after completing each regeneration and any cooling cycle, according to § 63.3547(d) or § 63.3557(d); and ii. Operating the carbon beds such that each carbon bed is not returned to service until completing each regeneration and any cooling cycle until the recorded temperature of the carbon bed is at or below the temperature limit.

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For the following device . . .	You must meet the following operating limit . . .	And you must demonstrate continuous compliance with the operating limit by . . .
5. Condenser	a. The average condenser outlet (product side) gas temperature in each 3-hour period must not exceed the temperature limit established according to § 63.3546(e) or § 63.3556(e).	i. Collecting the condenser outlet (product side) gas temperature according to § 63.3547(e) or § 63.3557(e); ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average gas temperature at the outlet at or below the temperature limit.
6. Concentrators, including zeolite wheels and rotary carbon absorbers.	<p>a. The average inlet temperature measured from the desorption reactivation zone in each 3-hour block period must not fall below the limit established according to § 63.3546(f) or § 63.3556(f).</p> <p>b. The indicator of performance for the desorption reactivation fan operation in each 3-hour block period must not fall outside of the range established according to § 63.3547(f) or § 63.3556(f).</p> <p>c. The nominal rotational speed of the concentrator in each 3-hour block period must not fall below the speed established according to § 63.3546(f) or § 63.3556(f).</p> <p>d. Develop and implement an inspection and maintenance plan according to § 63.3546(f)(3) or § 63.3556(f)(3).</p>	<p>i. Collecting the temperature data including zeolite inlet temperature according to § 63.3547(f) ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average temperature at or above the temperature limit.</p> <p>i. Collecting the indicator data according to § 63.3547(f) or § 63.3557(f); and ii. Maintaining the indicator data within the range established.</p> <p>i. Collecting the rotational speed according to § 63.3547(f) or § 63.3557(f); ii. Reducing the speed data to 3-hour block averages; and iii. Maintaining the 3-hour block average speed at or above the rotational speed limit.</p> <p>Maintaining an up-to-date inspection plan, and records of annual adsorbent activity checks. The results shall be compared to historical results and/or results for new adsorbents. If a problem is discovered during the annual inspection required by § 63.3546(f)(3) or § 63.3556(f)(3), you must take corrective action as soon as practicable consistent with the manufacturer's recommendations.</p>
7. Emission capture system that is a PTE according to § 63.3544(a) or § 63.3554(a).	<p>a. The direction of the air flow at all times must be into the enclosure; and either</p> <p>b. The average facial velocity of air through all natural draft openings in the enclosure must be at least 200 feet per minute; or</p> <p>c. The pressure drop across the enclosure must be at least 0.007 inch H₂O, as established in Method 204 of appendix M to 40 CFR part 51.</p>	<p>i. Collecting the direction of air flow, and either the facial velocity of air through all natural draft openings or the pressure drop across the enclosure; and ii. Reducing the data collected each successive 15-minute period to 3-hour block averages according to § 63.3547(a)(1) and (2) or § 63.3557(a)(1) and (2), as applicable; and iii. Maintaining the 3-hour block average facial velocity of air flow through all natural draft openings or the pressure drop at or above the facial velocity limit or pressure drop limit, and maintaining the direction of air flow into the enclosure at all times.</p> <p>See items 7.a.i and ii of this table.</p> <p>See items 7.a.i and ii of this table.</p>

For the following device . . .	You must meet the following operating limit . . .	And you must demonstrate continuous compliance with the operating limit by . . .
8. Emission capture system that is not a PTE according to § 63.3544(a).	a. The average gas volumetric flow rate at a location upstream of the control device, or duct static pressure at a location upstream (i.e., vacuum side) of the primary fan in each duct of each capture device or upstream of the fan that is common to multiple capture devices in each 3-hour period must not fall below the average volumetric flow rate or above the duct static pressure limit established for that capture device in accordance with § 63.3546 or § 63.3556, as applicable.	i. Measuring the gas volumetric flow at a location upstream of the control device, or duct static pressure at a location upstream (i.e., vacuum side) of the primary fan in each duct of each capture device upstream or upstream of the fan that is common to multiple capture devices; and ii. Reducing the data collected each successive 15-minute period to 3-hour block averages according to § 63.3547(a)(1) and (2) or § 63.3557(a)(1) and (2), as applicable; and iii. Maintaining the 3-hour block average gas volumetric flow rate at a location upstream of the control device, or duct static pressure at a location upstream (i.e., vacuum side) of the primary fan in each duct of each capture device or upstream of the fan that is common to multiple capture devices at or above the average gas volumetric flow rate or below the duct static pressure limit established in accordance with the performance test described in § 63.3546(g).

[68 FR 64446, Nov. 13, 2003, as amended at 71 FR 1384, Jan. 6, 2006]

TABLE 5 TO SUBPART KKKK OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART KKKK

You must comply with the applicable General Provisions requirements according to the following table:

Citation	Subject	Applicable to subpart KKKK	Explanation
§ 63.1(a)(1)–(4)	General Applicability	Yes.	Applicability to subpart KKKK is also specified in § 63.3481.
§ 63.1(a)(5)	[Reserved]	No.	
§ 63.1(a)(6)	Source Category Listing	Yes.	
§ 63.1(a)(7)–(9)	[Reserved]	No.	
§ 63.1(a)(10)–(12)	Timing and Overlap Clarifications	Yes.	
§ 63.1(b)(1)	Initial Applicability Determination	Yes	
§ 63.1(b)(2)	[Reserved]	No.	
§ 63.1(b)(3)	Applicability Determination Recordkeeping	Yes.	
§ 63.1(c)(1)	Applicability after Standard Established	Yes.	
§ 63.1(c)(2)–(3)	Applicability of Permit Program for Area Sources	No	
§ 63.1(c)(4)–(5)	Extensions and Notifications	Yes.	Additional definitions are specified in § 63.3561.
§ 63.1(e)	Applicability of Permit Program before Relevant Standard is Set.	Yes.	
§ 63.2	Definitions	Yes	
§ 63.3(a)–(c)	Units and Abbreviations	Yes.	
§ 63.4(a)(1)–(5)	Prohibited Activities	Yes.	
§ 63.4(b)–(c)	Circumvention/Fragmentation	Yes.	
§ 63.5(a)	Construction/Reconstruction	Yes.	
§ 63.5(b)(1)–(6)	Requirements for Existing, Newly Constructed, and Reconstructed Sources.	Yes.	
§ 63.5(d)	Application for Approval of Construction/Reconstruction.	Yes.	
§ 63.5(e)	Approval of Construction/Reconstruction	Yes.	
§ 63.5(f)	Approval of Construction/Reconstruction Based on Prior State Review.	Yes.	
§ 63.6(a)	Compliance with Standards and Maintenance Requirements—Applicability.	Yes.	Section 63.3483 specifies the compliance dates.
§ 63.6(b)(1)–(7)	Compliance Dates for New and Reconstructed Sources.	Yes	
§ 63.6(c)(1)–(5)	Compliance Dates for Existing Sources	Yes	