

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 EPA Administrator and are not transferred to the State, local, or tribal agency.

(c) The authorities that will not be delegated to State, local, or tribal agencies are listed in paragraphs (c)(1) through (4) of this section.

(1) Approval of alternatives to the work practice standards in § 63.4093 under § 63.6(g).

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

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

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

**§ 63.4181 What definitions apply to this subpart?**

Terms used in this subpart are defined in the CAA, in 40 CFR 63.2, the General Provisions of this part, and in this section as follows:

*Add-on control device* means an air pollution control device, such as a thermal oxidizer or carbon absorber, that reduces pollution in an air stream by destruction or removal before discharge to the atmosphere.

*Adhesive* means any chemical substance that is applied for the purpose of bonding two surfaces together.

*Capture device* means a hood, enclosure, room, floor sweep, or other means of containing or collecting emissions and directing those emissions into an add-on control device.

*Capture efficiency* or *capture system efficiency* means the portion (expressed as a percentage) of the pollutants from an emission source that is delivered to an add-on control device.

*Capture system* means one or more capture devices intended to collect emissions generated by a coating operation in the use of coatings and cleaning materials, both at the point of application and at subsequent points where emissions from the coatings and cleaning materials occur, such as flashoff, drying, or curing. As used in this subpart, multiple capture devices that collect emissions generated by a

coating operation are considered a single capture system.

*Cleaning material* means a solvent used to remove contaminants and other materials such as dirt, grease, oil, and dried or wet coating (e.g., depainting) from a substrate before or after coating application or from equipment associated with a coating operation such as spray booths, spray guns, racks, tanks, and hangers. Thus, it includes cleaning materials used for substrates or equipment or both.

*Coating* means a material applied to a substrate for decorative, protective, or functional purposes. For the purposes of this subpart, coatings include paints, porcelain enamels, sealants, caulks, inks, adhesives, and maskants. Decorative, protective, or functional materials that consist only of protective oils, acids, bases, or any combination of these substances are not considered coatings for the purposes of this subpart.

*Coating operation* means equipment used to apply cleaning materials to a substrate to prepare it for coating application or to remove dried coating (surface preparation), to apply coating to a substrate (coating application) and to dry or cure the coating after application, or to clean coating operation equipment (equipment cleaning). A single coating operation may include any combination of these types of equipment but always includes at least the point at which a coating or cleaning material is applied and all subsequent points in the affected source where organic HAP emissions from that coating or cleaning material occur. There may be multiple coating operations in an affected source. Applications of coatings using hand-held, nonrefillable aerosol containers, touchup markers, or marking pens are not coating operations for the purposes of this subpart.

*Coating solids* means the nonvolatile portion of the coating that makes up the dry film.

*Continuous parameter monitoring system* means the total equipment that may be required to meet the data acquisition and availability requirements

of this subpart used to sample, condition (if applicable), analyze, and provide a record of coating operation, capture system, or add-on control device parameters.

*Controlled coating operation* means a coating operation from which some or all of the organic HAP emissions are routed through an emission capture system and add-on control device.

*Deviation* means any instance in which an affected source subject to this subpart or an owner or operator of such a source:

(1) Fails to meet any requirement or obligation established by this subpart including but not limited to any emission limit, or operating limit, or work practice standard;

(2) Fails to meet any term or condition that is adopted to implement an applicable requirement in this subpart and that is included in the operating permit for any affected source required to obtain such a permit; or

(3) Fails to meet any emission limit, or operating limit, or work practice standard in this subpart during start-up, shutdown, or malfunction regardless of whether or not such failure is permitted by this subpart.

*Emission limitation* means an emission limit, operating limit, or work practice standard.

*Enclosure* means a structure that surrounds a source of emissions and captures and directs the emissions to an add-on control device.

*Exempt compound* means a specific compound that is not considered a VOC due to negligible photochemical reactivity. The exempt compounds are listed in 40 CFR 51.100(s).

*Facility maintenance* means the routine repair or refurbishing (including surface coating) of the tools, equipment, machinery, and structures that comprise the infrastructure of the facility or that are necessary for the facility to function in its intended capacity. It does not mean cleaning of equipment that is part of a large appliances coating operation.

*Heat transfer coil* means a tube-and-fin assembly used in large appliance products to remove heat from a circulating fluid.

*Large appliance part* means a component of a large appliance product ex-

cept for the wider use parts excluded under § 63.4081(d)(1).

*Large appliance product* means, but is not limited to, any of the following products (except as provided under § 63.4081(d)(3)) manufactured for household, recreational, institutional, commercial, or industrial use:

(1) Cooking equipment (ovens, ranges, and microwave ovens but not including toasters, counter-top grills, and similar small products);

(2) Refrigerators, freezers, and refrigerated cabinets and cases;

(3) Laundry equipment (washers, dryers, drycleaning machines, and pressing machines);

(4) Dishwashers, trash compactors, and water heaters; and

(5) HVAC units, air-conditioning (except motor vehicle) units, air-conditioning and heating combination units, comfort furnaces, and electric heat pumps.

Specifically excluded are heat transfer coils and large commercial and industrial chillers.

*Large commercial and industrial chillers* means, for the purposes of this subpart, equipment designed to produce chilled water for use in commercial or industrial HVAC systems.

*Manufacturer's formulation data* means data on a material (such as a coating) that are supplied by the material manufacturer based on knowledge of the ingredients used to manufacture that material, rather than based on testing of the material with the test methods specified in § 63.4141. Manufacturer's formulation data may include, but are not limited to, information on density, organic HAP content, volatile organic matter content, and coating solids content.

*Mass fraction of organic HAP* means the ratio of the mass of organic HAP to the mass of a material in which it is contained, expressed as kg organic HAP per kg of material.

*Month* means a calendar month or a pre-specified period of 28 to 35 days to allow for flexibility in recordkeeping when data are based on a business accounting period.

*Organic HAP content* means the mass of organic HAP per volume of coating solids for a coating, calculated using Equation 2 of § 63.4141. The organic

HAP content is determined for the coating in the condition it is in when received from its manufacturer or supplier and does not account for any alteration after receipt.

*Permanent total enclosure (PTE)* means a permanently installed enclosure that meets the criteria of Method 204 of appendix M, 40 CFR part 51, for a PTE and that directs all the exhaust gases from the enclosure to an add-on control device.

*Protective oil* means an organic material that is applied to a substrate for the purpose of providing lubrication or protection from corrosion without forming a solid film. This definition of protective oils includes, but is not limited to, lubricating oils, evaporative oils (including those that evaporate completely), and extrusion oils.

*Research or laboratory facility* means a facility whose primary purpose is for research and development of new processes and products conducted under the close supervision of technically trained personnel and is not engaged in the manufacture of final or intermediate products for commercial purposes, except in a de minimis manner.

*Responsible official* means responsible official as defined in 40 CFR 70.2.

*Startup, initial* means the first time equipment is brought online in a facility.

*Surface preparation* means use of a cleaning material on a portion of or all of a substrate including use of cleaning

material to remove dried coating which is sometimes called “depainting.”

*Temporary total enclosure* means an enclosure constructed for the purpose of measuring the capture efficiency of pollutants emitted from a given source as defined in Method 204 of appendix M, 40 CFR part 51.

*Thinner* means an organic solvent that is added to a coating after the coating is received from the supplier.

*Total volatile hydrocarbon (TVH)* means the total amount of nonaqueous volatile organic matter determined according to Methods 204 and 204A through 204F of appendix M to 40 CFR part 51 and substituting the term TVH each place in the methods where the term VOC is used. The TVH includes both VOC and non-VOC.

*Uncontrolled coating operation* means a coating operation from which no organic HAP emissions are routed through an emission capture system and add-on control device.

*Volatile organic compound (VOC)* means any compound defined as VOC in 40 CFR 51.100(s).

*Volume fraction of coating solids* means the ratio of the volume of coating solids (also known as volume of nonvolatiles) to the volume of coating, expressed as liters of coating solids per liter of coating.

*Wastewater* means water that is generated in a coating operation and is collected, stored, or treated prior to being discarded or discharged.

TABLE 1 TO SUBPART NNNN OF PART 63—OPERATING LIMITS IF USING THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

If you are required to comply with operating limits by §63.4092, you must comply with the applicable operating limits in the following table:

For 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 any 3-hour period must not fall below the combustion temperature limit established according to §63.4167(a).	i. collecting the combustion temperature data according to §63.4168(c); ii. reducing the data to 3-hour block averages; and iii. maintaining the 3-hour average combustion temperature at or above the combustion temperature limit.
2. catalytic oxidizer .....	a. the average temperature measured just before the catalyst bed in any 3-hour period must not fall below the limit established according to §63.4167(b); and either.	i. collecting the temperature data according to §63.4168(c); ii. reducing the data to 3-hour block before the averages; and iii. maintaining the 3-hour average temperature before the catalyst bed at or above the temperature limit.

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For following device . . .	You must meet the following operating limit . . .	And you must demonstrate continuous compliance with the operating limit by . . .
	<p>b. ensure that average temperature difference across the catalyst bed in any 3-hour period does not fall below the temperature difference limit established according to § 63.4167(b)(2); or.</p> <p>c. develop and implement an inspection and maintenance plan according to § 63.4167(b)(4).</p>	<p>i. collecting the temperature data according to § 63.4168(c);</p> <p>ii. reducing the data to 3-hour block difference across averages; and</p> <p>iii. maintaining the 3-hour average temperature difference at or above the temperature difference limit.</p> <p>i. maintaining an up-to-date inspection and maintenance plan, records of annual catalyst activity checks, records 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 § 63.4167(b)(4), you must take corrective action as soon as practicable consistent with the manufacturer's recommendations.</p>
3. carbon adsorber .....	<p>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 § 63.4167(c).</p> <p>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 § 63.4167(c).</p>	<p>i. measuring the total regeneration desorbing gas (e.g., steam or nitrogen) mass flow for each regeneration cycle according to § 63.4168(d); and</p> <p>ii. maintaining the total regeneration desorbing gas mass flow at or above the mass flow limit.</p> <p>i. measuring the temperature of the carbon bed after completing each regeneration and any cooling cycle according to § 63.4168(d); and</p> <p>ii. operating the carbon beds such that each carbon bed is not returned to service until the recorded temperature of the carbon bed is at or below the temperature limit.</p>
4. condenser .....	<p>a. the average condenser outlet (product side) gas temperature in any 3-hour period must not exceed the temperature limit established according to § 63.4167(d).</p>	<p>i. collecting the condenser outlet (product side) gas temperature according to § 63.4168(e);</p> <p>ii. reducing the data to 3-hour block averages; and</p> <p>iii. maintaining the 3-hour average gas exceed the temperature at the outlet at or below the temperature limit.</p>
5. concentrators, including zeolite wheels and rotary carbon adsorbers.	<p>a. the average gas temperature of the desorption concentrate stream in any 3-hour period must not fall below the limit established according to § 63.4167(e).</p> <p>b. the average pressure drop of the dilute stream across the concentrator in any 3-hour period must not fall below the limit established according to § 63.4167(e).</p>	<p>i. collecting the temperature data according to § 63.4168(f);</p> <p>ii. reducing the data to 3-hour block averaged; and</p> <p>iii. maintaining the 3-hour average temperature at or above the temperature limit.</p> <p>i. collecting the pressure drop data according to § 63.4168(f); and</p> <p>ii. reducing the pressure drop data to across the 3-hour block averages; and</p> <p>iii. maintaining the 3-hour average pressure drop at or above the pressure drop limit.</p>
6. emission capture system that is a PTE according to § 63.4165(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 H<sub>2</sub>O, 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 according to § 63.4168(g)(1) or the pressure drop across the enclosure according to § 63.4168(g)(2); and</p> <p>ii. maintaining the 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 item 6.a. of this table.</p> <p>See item 6.a. of this table.</p>

For following device . . .	You must meet the following operating limit . . .	And you must demonstrate continuous compliance with the operating limit by . . .
7. emission capture system that is not a PTE according to § 63.4165(a).	a. the average gas volumetric flow rate or duct static pressure in each duct between a capture device and add-on control device inlet in any 3-hour period must not fall below the average volumetric flow rate or duct static pressure limit established for that capture device according to § 63.4167(f).	i. collecting the gas volumetric flow rate or duct static pressure for each capture device according to § 63.4168(g); ii. reducing the data to 3-hour block averages; and iii. maintaining the 3-hour average gas volumetric flow rate or duct static pressure for each capture device at or above the gas volumetric flow rate or duct static pressure limit.

TABLE 2 TO SUBPART NNNN OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART NNNN

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

Citation	Subject	Applicable to subpart NNNN	Explanation
§ 63.1(a)(1)–(14)	General Applicability	Yes	Applicability to subpart NNNN is also specified in § 63.4081.
§ 63.1(b)(1)–(3)	Initial Applicability Determination	Yes	
§ 63.1(c)(1)	Applicability After Standard Established.	Yes	
§ 63.1(c)(2)–(3)	Applicability of Permit Program for Area Sources.	No	Area sources are not subject to subpart NNNN.
§ 63.1(c)(4)–(5)	Extensions and Notifications	Yes	Additional definitions are specified in § 63.4181.
§ 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/Severability	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	Section 63.4083 specifies the compliance dates.
§ 63.6(a)	Compliance With Standards and Maintenance Requirements—Applicability.	Yes	
§ 63.6(b)(1)–(7)	Compliance Dates for New and Reconstructed Sources.	Yes	
§ 63.6(c)(1)–(5)	Compliance Dates for Existing Sources.	Yes	
§ 63.6(e)(1)–(2)	Operation and Maintenance	Yes	
§ 63.6(e)(3)	SSMP	Yes	
§ 63.6(f)(1)	Compliance Except During Start-up, Shutdown, and Malfunction.	Yes	
§ 63.6(f)(2)–(3)	Methods for Determining Compliance.	Yes	
§ 63.6(g)(1)–(3)	Use of an Alternative Standard	Yes	
§ 63.6(h)	Compliance With Opacity/Visible Emission standards.	No	
§ 63.6(i)(1)–(16)	Extension of Compliance	Yes	Subpart NNNN does not establish opacity standards and does not require continuous opacity monitoring systems (COMS).
§ 63.6(j)	Presidential Compliance Exemption.	Yes	

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Citation	Subject	Applicable to subpart NNNN	Explanation
§ 63.7(a)(1)	Performance Test Requirements—Applicability.	Yes	Applies to all affected sources. Additional requirements for performance testing are specified in §§ 63.4164, 63.4165, and 63.4166.
§ 63.7(a)(2)	Performance Test Requirements—Dates.	Yes	Applies only to performance tests for capture system and control device efficiency at sources using these to comply with the standards. Section 63.4160 specifies the schedule for performance test requirements that are earlier than those specified in § 63.7(a)(2).
§ 63.7(a)(3)	Performance Tests Required By the Administrator.	Yes	
§ 63.7(b)–(e)	Performance Test Requirements—Notification, Quality Assurance Facilities Necessary for Safe Testing, Conditions During Test.	Yes	Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standard.
§ 63.7(f)	Performance Test Requirements—Use of Alternative Test Method.	Yes	Applies to all test methods except those used to determine capture system efficiency.
§ 63.7(g)–(h)	Performance Test Requirements—Data Analysis, Record-keeping, Reporting, Waiver of Test.	Yes	Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standard.
§ 63.8(a)(1)–(3)	Monitoring Requirements—Applicability.	Yes	Applies only to monitoring of capture system and add-on control device efficiency at sources using these to comply with the standard. Additional requirements for monitoring are specified in § 63.4168.
§ 63.8(a)(4)	Additional Monitoring Requirements.	No	Subpart NNNN does not have monitoring requirements for flares.
§ 63.8(b)	Conduct of Monitoring	Yes	
§ 63.8(c)(1)–(3)	Continuous Monitoring Systems (CMS) Operation and Maintenance.	Yes	Applies only to monitoring of capture system and add-on control device efficiency at sources using these to comply with the standard. Additional requirements for CMS operations and maintenance are specified in § 63.4168.
§ 63.8(c)(4)	CMS	No	Section 63.4168 specifies the requirements for the operation of CMS for capture systems and add-on control devices at sources using these to comply.
§ 63.8(c)(5)	COMS	No	Subpart NNNN does not have opacity or visible emission standards.
§ 63.8(c)(6)	CMS Requirements	No	Section 63.4168 specifies the requirements for monitoring systems for capture systems and add-on control devices at sources using these to comply.
§ 63.8(c)(7)	CMS Out-of-Control Periods	Yes	
§ 63.8(c)(8)	CMS Out-of-Control Periods and Reporting.	No	Section 63.4120 requires reporting of CMS out-of-control periods.
§ 63.8(d)–(e)	Quality Control Program and CMS Performance Evaluation.	No	Subpart NNNN does not require the use of continuous emissions monitoring systems.
§ 63.8(f)(1)–(5)	Use of an Alternative Monitoring Method.	Yes	
§ 63.8(f)(6)	Alternative to Relative Accuracy Test.	No	Subpart NNNN does not require the use of continuous emissions monitoring systems.

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Citation	Subject	Applicable to subpart NNNN	Explanation
§ 63.8(g)(1)-(5)	Data Reduction	No	Sections 63.4167 and 63.4168 specify monitoring data reduction.
§ 63.9(a)-(d)	Notification Requirements	Yes	Applies only to capture system and add-on control device performance tests at sources using these to comply with the standard.
§ 63.9(e)	Notification of Performance Test	Yes	
§ 63.9(f)	Notification of Visible Emissions/Opacity Test.	No	Subpart NNNN does not have opacity or visible emission standards.
§ 63.9(g)(1)-(3)	Additional Notifications When Using CMS.	No	Subpart NNNN does not require the use of continuous emissions monitoring systems.
§ 63.9(h)	Notification of Compliance Status	Yes	Section 63.4110 specifies the dates for submitting the notification of compliance status.
§ 63.9(i)	Adjustment of Submittal Deadlines.	Yes	
§ 63.9(j)	Change in Previous Information	Yes	
§ 63.10(a)	Recordkeeping/Reporting—Applicability and General Information.	Yes	
§ 63.10(b)(1)	General Recordkeeping Requirements.	Yes	Additional requirements are specified in §§ 63.4130 and 63.4131.
§ 63.10(b)(2)(i)-(v)	Recordkeeping Relevant to Startup, Shutdown, and Malfunction Periods and CMS.	Yes	Requirements for startup, shutdown, and malfunction records only apply to add-on control devices used to comply with the standard.
§ 63.10(b)(2)(vi)-(xi)	Records	Yes	Subpart NNNN does not require the use of continuous emissions monitoring systems.
§ 63.10(b)(2)(xii)	Records	Yes	
§ 63.10(b)(2)(xiii)	Records	No	
§ 63.10(b)(2)(xiv)	Records	Yes	
§ 63.10(b)(3)	Recordkeeping Requirements for Applicability Determinations.	Yes	
§ 63.10(c)(1)-(6)	Additional Recordkeeping Requirements for Sources with CMS.	Yes	
§ 63.10(c)(7)-(8)	Records	No	The same records are required in § 63.4120(a)(7).
§ 63.10(c)(9)-(15)	Records	Yes	
§ 63.10(d)(1)	General Reporting Requirements	Yes	Additional requirements are specified in § 63.4120.
§ 63.10(d)(2)	Report of Performance Test Results.	Yes	Additional requirements are specified in § 63.4120(b).
§ 63.10(d)(3)	Reporting Opacity or Visible Emissions Observations.	No	Subpart NNNN does not require opacity or visible emissions observations.
§ 63.10(d)(4)	Progress Reports for Sources With Compliance Extensions.	Yes	
§ 63.10(d)(5)	Startup, Shutdown, and Malfunction Reports.	Yes	Applies only to add-on control devices at sources using these to comply with the standard.
§ 63.10(e)(1)-(2)	Additional CMS Reports	No	Subpart NNNN does not require the use of continuous emissions monitoring systems.
§ 63.10(e)(3)	Excess Emissions/CMS Performance Reports.	No	Section 63.4120(b) specifies the contents of periodic compliance reports.
§ 63.10(e)(4)	COMS Data Reports	No	Subpart NNNN does not specify requirements for opacity or COMS.
§ 63.10(f)	Recordkeeping/Reporting Waiver	Yes	
§ 63.11	Control Device Requirements/Flares.	No	Subpart NNNN does not specify use of flares for compliance.
§ 63.12	State Authority and Delegations	Yes	
§ 63.13	Addresses	Yes	
§ 63.14	Incorporation by Reference	Yes	
§ 63.15	Availability of Information/Confidentiality.	Yes	

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**§ 63.4281**

**TABLE 3 TO SUBPART NNNN OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR SOLVENTS AND SOLVENT BLENDS**

You may use the mass fraction values in the following table for solvent blends for which you do not have test data or manufacturer's formulation data.

Solvent/solvent blend	CAS. No.	Average organic HAP mass fraction	Typical organic HAP, percent by mass
1. Toluene .....	108-88-3	1.0	Toluene.
2. Xylene(s) .....	1330-20-7	1.0	Xylenes, ethylbenzene.
3. Hexane .....	110-54-3	0.5	n-hexane.
4. n-Hexane .....	110-54-3	1.0	n-hexane.
5. Ethylbenzene .....	100-41-4	1.0	Ethylbenzene.
6. Aliphatic 140 .....	.....	0	None.
7. Aromatic 100 .....	.....	0.02	1% xylene, 1% cumene.
8. Aromatic 150 .....	.....	0.09	Naphthalene.
9. Aromatic naphtha .....	64742-95-6	0.02	1% xylene, 1% cumene.
10. Aromatic solvent .....	64742-94-5	0.1	Naphthalene.
11. Exempt mineral spirits .....	8032-32-4	0	None.
12. Lignoines (VM & P) .....	8032-32-4	0	None.
13. Lactol spirits .....	64742-89-6	0.15	Toluene.
14. Low aromatic white spirit .....	64742-82-1	0	None.
15. Mineral spirits .....	64742-88-7	0.01	Xylenes.
16. Hydrotreated naphtha .....	64742-48-9	0	None.
17. Hydrotreated light distillate .....	64742-47-8	0.001	Toluene.
18. Stoddard solvent .....	8052-41-3	0.01	Xylenes.
19. Super high-flash naphtha .....	64742-95-6	0.05	Xylenes.
20. Varsol® solvent .....	8052-49-3	0.01	0.5% xylenes, 0.5% ethylbenzene.
21. VM & P naphtha .....	64742-89-8	0.06	3% toluene, 3% xylene.
22. Petroleum distillate mixture .....	68477-31-6	0.08	4% naphthalene, 4% biphenyl.

**TABLE 4 TO SUBPART NNNN OF PART 63—DEFAULT ORGANIC HAP MASS FRACTION FOR PETROLEUM SOLVENT GROUPS <sup>a</sup>**

You may use the mass fraction values in the following table for solvent blends for which you do not have test data or manufacturer's formulation data.

Solvent type	Average organic HAP mass fraction	Typical organic HAP, percent by mass
Aliphatic <sup>b</sup> .....	0.03	1% Xylene, 1% Toluene, and 1% Ethylbenzene.
Aromatic <sup>c</sup> .....	0.06	4% Xylene, 1% Toluene, and 1% Ethylbenzene.

<sup>a</sup> Use this table only if the solvent blend does not match any of the solvent blends in Table 3 to this subpart and you only know whether the blend is aliphatic or aromatic.

<sup>b</sup> e.g., Mineral Spirits 135, Mineral Spirits 150 EC, Naphtha, Mixed Hydrocarbon, Aliphatic Hydrocarbon, Aliphatic Naphtha, Naphthol Spirits, Petroleum Spirits, Petroleum Oil, Petroleum Naphtha, Solvent Naphtha, Solvent Blend.

<sup>c</sup> e.g., Medium-flash Naphtha, High-flash Naphtha, Aromatic Naphtha, Light Aromatic Naphtha, Light Aromatic Hydrocarbons, Aromatic Hydrocarbons, Light Aromatic Solvent.

**Subpart OOOO—National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles**

other textiles printing, coating and dyeing operations. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations.

SOURCE: 68 FR 32189, May 29, 2003, unless otherwise noted.

**WHAT THIS SUBPART COVERS**

**§ 63.4280 What is the purpose of this subpart?**

This subpart establishes national emission standards for hazardous air pollutants (NESHAP) for fabric and

**§ 63.4281 Am I subject to this subpart?**

(a) Except as provided in paragraphs (c) and (d) of this section, the source category to which this subpart applies is the printing, coating, slashing, dyeing or finishing of fabric and other textiles, and it includes the subcategories listed in paragraphs (a)(1) through (3) of this section.