Appendix B-1

40 CFR 63, Subpart II
Tables 1., 2., & 3., and Appendix A

APPENDIX B-1
TABLE 1 TO SUBPART II OF PART 63
APPLICABILITY OF GENERAL PROVISIONS
TO SUBPART II OF PART 63

Reference	Applies to Subpart II	Comment
63.1(a)(1)-(3)	Yes	
63.1(a)(4)	Yes	Subpart II clarifies the applicability of each paragraph in subpart A to sources subject to subpart II.
63.1(a)(5)-(7)	Yes	
63.1(a)(8)	No	Discusses State programs.
63.1(a)(9)-(14)	Yes	
63.1(b)(1)	Yes	Sec. 63.781 specifies applicability in more detail.
63.1(b)(2)-(3)	Yes	
63.1(c)-(e)	Yes	
63.2	Yes	Additional terms are defined in Sec. 63.782; when overlap between subparts A and II occurs, subpart II takes precedence.
63.3	Yes	Other units used in subpart II are defined in that subpart.
63.4	Yes	
63.5(a)-(c)	Yes	
63.5(d)	Yes	Except information on control devices and control efficiencies should not be included in the application unless an add-on control system is or will be used to comply with subpart II in accordance with Sec. 63.783(c).
63.5(e)-(f)	Yes	
63.6(a)-(b)	Yes	
63.6(c)-(d)	Yes	Except Sec. 63.784(a) specifies the compliance date for existing affected sources.
63.6(e)-(f)	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c), then these paragraphs do apply.
63.6(g)	No	Sec. 63.783(c) specifies procedures for application and approval of alternative means of limiting emissions.
63.6(h)	No	Subpart II does not contain any opacity or visible emission standards.
63.6(i)-(j)	Yes	
63.7	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c), then this section does apply.
63.8	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c), then this section does apply.
63.9(a)-(d)	Yes	Sec. 63.787(a) extends the initial notification deadline to 180 days. Sec. 63.787(b) requires an implementation plan to be submitted with the initial notification.
63.9(e)	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c), then this paragraph does apply.

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TABLE 1 TO SUBPART II OF PART 63
APPLICABILITY OF GENERAL PROVISIONS TO SUBPART II OF PART 63 Cont.

Reference	Applies to Subpart II	Comment
63.9(f)	No	Subpart II does not contain any opacity or visible emission standards
63.9(g)-(h)	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c) then these paragraphs do apply.
63.9(i)-(j)	Yes	
63.10(a)-(b)	Yes	Sec. 63.788(b)-(c) list additional recordkeeping and reporting requirements.
63.10(c)	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c), then this paragraph does apply.
63.10(d)	Yes	
63.10(e)	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c), then this paragraph does apply.
63.10(f)	Yes	
63.11	No	If an alternative means of limiting emissions (e.g., an add-on control system) is used to comply with subpart II in accordance with Sec. 63.783(c), then this section does apply.
63.12-63.15	Yes	

APPENDIX B-1
TABLE 2 TO SUBPART II OF PART 63
VOLATILE ORGANIC HAP (VOHAP) LIMITS FOR MARINE COATINGS

Coating category	VOHAP limits[a,b,c]		
	Grams/liter coating (minus water and exempt compounds)	Grams/liter solids[d]	
		t∃4.5°C	t<4.5°C[e]
General use	340	571	728
Specialty:			
Air flask	340	571	728
Antenna	530	1,439	
Antifoulant	400	765	971
Heat resistant	420	841	1,069
High-gloss	420	841	1,069
High-temperature	500	1,237	1,597
Inorganic zinc high-build	340	571	728
Military exterior	340	571	728
Mist	610	2,235	
Navigational aids	550	1,597	
Nonskid	340	571	728
Nuclear	420	841	1,069
Organic zinc	360	630	802
Pretreatment wash primer	780	11,095	
Repair and maint. of thermoplastics	550	1,597	
Rubber camouflage	340	571	728
Sealant for thermal spray aluminum	610	2,235	
Special marking	490	1,178	
Specialty interior	340	571	728
Tack coat	610	2,235	
Undersea weapons systems	340	571	728
Weld-through precon. primer	650	2,885	

[a] The limits are expressed in two sets of equivalent units. Either set of limits may be used for the compliance procedure described in Sec. 63.785(c)(1), but only the limits expressed in units of g/L solids (nonvolatiles) shall be used for the compliance procedures described Sec. 63.785(c) (2) through (4).

[b] VOC (including exempt compounds listed as HAP) shall be used as a surrogate for VOHAP for those compliance procedures described in Sec. 63.785(c) (1) through (3).

[c] To convert from g/L to lb/gal, multiply by (3.785 L/gal)(1/453.6 lb/g) or 1/120. For compliance purposes, metric units define the standards.

[d] VOHAP limits expressed in units of mass of VOHAP per volume of solids were derived from the VOHAP limits expressed in units of mass of VOHAP per volume of coating assuming the coatings contain no water or exempt compounds and that the volumes of all components within a coating are additive.

[e] These limits apply during cold-weather time periods, as defined in Sec. 63.782. Cold-weather allowances are not given to coatings in categories that permit less than 40 percent volume solids (nonvolatiles). Such coatings are subject to the same limits regardless of weather conditions.

[60 FR 64336, Dec. 15, 1995, as amended at 61 FR 66228, Dec. 17, 1996]

TABLE 3 TO SUBPART II OF PART 63
SUMMARY OF RECORDKEEPING AND REPORTING REQUIREMENTS [a,b,c]

Requirement	All Opts.		Option 1		Option 2		Option 3	
	Rec	Rep	Rec	Rep	Rec	Rep	Rec	Rep
Notification (Sec. 63.9(a)-(d))	X	X						
Implementation plan (Sec. 63.787(b))[d]	X	X						
Volume of coating applied at unaffected major sources (Sec. 63.781(b))	X							
Volume of each low-usage-exempt coating applied at affected sources (Sec. 63.781(c))	X	X						
ID of the coatings used, their appropriate coating categories, and the applicable VOHAP limit	X	X						
Determination of whether containers meet the standards described in Sec. 63.783(b)(2)	X	X						
Results of M-24 or other approved tests	X	X						
Certification of the as-supplied VOC content of each batch	X							
Certification of the as-applied VOC content of each batch			X					
Volume of each coating applied			X	X				
Density of each thinner and volume fraction of solids in each batch					X		X	
Maximum allowable thinning ratio(s) for each batch					X	X	X	X
Volume used of each batch, as supplied					X	X	X	X
Total allowable volume of thinner					X	X	X	X
Actual volume of thinner used					X	X	X	X
Identification of each group of coatings and designated thinners							X	X

[a] Affected sources that comply with the cold-weather limits must record and report additional information, as specified in Sec. 63.788(b)(3) (ii)(C), (iii)(C), and (iv)(D).

[b] Affected sources that detect a violation must record and report additional information, as specified in Sec. 63.788(b)(4).

[c] OPTION 4: the recordkeeping and reporting requirements of Option 4 are identical to those of Options 1, 2, or 3, depending on whether and how thinners are used. However, when using Option 4, the term ``VOHAP" shall be used in lieu of the term ``VOC," and the owner or operator shall record and report the Administrator-approved VOHAP test method or certification procedure.

[d] Major sources that intend to become area sources by the compliance date may, in lieu of submitting an implementation plan, choose to submit a statement of intent as specified in Sec. 63.787(b)(4).

APPENDIX A TO SUBPART II OF PART 63
VOC DATA SHEET[1]

Properties of the Coating "As Supplied" by the Manufacturer[2]

Coating Manufacturer: _____
Coating Identification: _____
Batch Identification: _____
Supplied To: _____

Properties of the coating as supplied[1] to the customer:

A. Coating Density: $(D_c)_s$_____ g/L

[ ] ASTM D1475-90* [ ] Other[3]

B. Total Volatiles: $(m_v)_s$ _____ Mass Percent

[ ] ASTM D2369-93 or 95* [ ] Other[3]

C. Water Content: 1. $(m_w)_s$ _____ Mass Percent

[ ] ASTM D3792-91* [ ] ASTM D4017-81, 90, or 96a* [ ] Other[3]

2. $(v_w)_s$ _____ Volume Percent

[ ] Calculated [ ] Other[3]

D. Organic Volatiles: $(m_o)_s$ _____ Mass Percent

E. Nonvolatiles: $(v_n)_s$ _____ Volume Percent
[ ] Calculated [ ] Other[3]

F. VOC Content $(VOC)_s$:
1. _____ g/L solids (nonvolatiles)

2. _____ g/L coating (less water and exempt compounds)

G. Thinner Density: D_{th} _____ g/L
ASTM _____ [ ] Other[3]

Remarks: (use reverse side)
Signed: _____ Date: _____

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*Incorporation by reference -- see §63.14.
[1]Adapted from EPA-340/1-86-016 (July 1986), p. II-2.
[2]The subscript "s" denotes each value is for the coating "as supplied" by the manufacturer.
[3]Explain the other method used under "Remarks."
[60 FR 64336, Dec. 15, 1995, as amended at 65 FR 62216, Oct. 17, 2000]