

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 163

Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers;
 Clarification and Technical Amendment
 62 FR 64636-64671
 December 8, 1997
 (RCRA Cluster VIII, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES						
SUBPART B - GENERAL FACILITY STANDARDS						
GENERAL INSPECTION REQUIREMENTS						
replace “264.1088, and 264.1091(b)” with “and 264.1083 through 264.1089 of this part”	264.15(b)(4)					
SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING						
OPERATING RECORD						
replace “264.252 through 264.254" with “264.252-264.254"; replace “264.302 through 264.304" with “264.302-264.304"; replace “264.1034(c) through 264.304(f)” with “264.1034(c)-264.1034(f)”; replace “264.1063(d) through 264.1063(i)” with “264.1063(d)-264.1063(i)”; replace “264.1088, 264.1089, and 264.1091" with “and 264.1082 through 264.1090 of this part”	264.73(b)(6)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS						
APPLICABILITY						
revise paragraph; add quotation marks around “90-day”; insert “and is not a recycling unit under the provisions of 40 CFR 261.6" after “or container)”	264.1030(b)(3)					
completely revise paragraph; for owner and operator of facility subject to part 264 and who received final permit prior to December 6, 1996, requirements of part 264, subpart AA shall be incorporated into permit when reissued under 40 CFR 124.15 requirements or reviewed under 40 CFR 270.50(d); until owner and operator receive such final permit, owner and operator subject to 40 CFR part 265, subpart AA requirements	264.1030(c)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
1 add new paragraph; requirements of part 264, subpart AA do not apply to process vents at facility where owner or operator certifies that all process vents are equipped and operating air emission controls in accordance with process vent requirements under 40 CFR part 60, part 61, or part 63 ; documentation of compliance kept, or made available, with facility operating record	264.1030(e)					
DEFINITIONS						
revise "In light liquid service"; insert "organic" after "one or more of the" and after "pure"; replace "0.3 kPa" with "0.3 kilopascals (kPa)"	264.1031					
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES						
redesignate paragraph (a)(2) as (a)(2)(i), except for last sentence	264.1033(a)(2)(i)					
revise and redesignate last sentence of (a)(2) as (a)(2)(ii); any unit that begins operation after December 21, 1990, and is subject to part 264, Subpart AA, must comply with rules immediately	264.1033(a)(2)(ii)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; owner or operator of facility in existence on effective date of statutory or regulatory amendment that renders facility subject to part 264, subpart AA, shall comply with subpart AA requirements no later than 30 months after effective date of amendment; when control equipment cannot be installed and operational by effective date facility owner or operator shall prepare implementation schedule; enter implementation schedule in operating record or permanent file at facility	264.1033(a)(2)(iii)					
add new paragraph; owners and operators of facilities and units newly subject to part 264, subpart AA after December 8, 1997, due to action other than under 264.1033(a)(2)(iii), must comply with requirements immediately	264.1033(a)(2)(iv)					

SUBPART BB - AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS

APPLICABILITY

revise paragraph; add "and is not a recycling unit under the provisions of 40 CFR 261.6" at end	264.1050(b)(3)					
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RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
completely revise paragraph; for owner and operator of facility newly subject to part 264, subpart BB, and who received final permit prior to December 6, 1996, requirements of part 264, subpart BB shall be incorporated into permit when reissued under 40 CFR 124.15 requirements or reviewed under 40 CFR 270.50(d); until owner and operator receives such final permit, owner and operator subject to 40 CFR 265, subpart BB requirements	264.1050(c)					
remove "a period of"; insert comma after "identified"	264.1050(f)					
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES						
redesignate 264.1060 as 264.1060(a); insert "subject to this subpart" following "control devices" and insert "of this part" at end of paragraph	264.1060(a)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; owner or operator who cannot install closed-vent system and control device to comply with part 264, subpart BB, by the effective date must prepare implementation schedule including dates by which closed-vent system and control device will be installed and in operation; implementation schedule may allow up to 30 months after effective date for installation and startup	264.1060(b)(1)					
add new paragraph; any unit that begins operation after December 21, 1990, and is subject to part 264, Subpart BB, must comply with rules immediately	264.1060(b)(2)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; owner or operator of facility in existence on effective date of statutory or regulatory amendment that renders facility subject to part 264, subpart BB, shall comply with subpart BB requirements no later than 30 months after effective date of amendment; when control equipment cannot be installed and operational by effective date facility owner or operator shall prepare implementation schedule; enter implementation schedule in operating record or permanent file at facility	264.1060(b)(3)					
add new paragraph; owners and operators of facilities and units newly subject to part 264, subpart BB, after December 8, 1997, due to action other than under 264.1060(b)(3), must comply with requirements immediately	264.1060(b)(4)					
ALTERNATIVE STANDARDS FOR VALVES IN GAS/VAPOR SERVICE OR IN LIGHT LIQUID SERVICE: SKIP PERIOD LEAK DETECTION AND REPAIR						
insert "(i.e., monitor for leaks once every six months)" before "for the valves"; insert "of this subpart" at end	264.1062(b)(2)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
insert "(i.e., monitor for leaks once every year)" before "for the valves"; insert "of this subpart" at end	264.1062(b)(3)					

RECORDKEEPING REQUIREMENTS

delete "a period of"; insert "calendar" following "per"	264.1064(g)(6)					
revise paragraph; owner or operator of facility with equipment subject to part 264, subpart BB, and to 40 CFR part 60, part 61, or part 63 may determine compliance with subpart BB by documentation under 264.1064 or by documentation of compliance with 40 CFR part 60, part 61, or part 63; documentation of compliance under 40 CFR part 60, part 61, or part 63 shall be kept or made available with the operating record	264.1064(m)					

SUBPART CC - AIR EMISSION STANDARDS FOR TANKS, SURFACE IMPOUNDMENTS, AND CONTAINERS

APPLICABILITY

replace "October 6, 1996" and "this date" with "December 6, 1996"	264.1080(b)(1)					
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RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
replace "subpart and who" with "subpart who"; replace "October 6, 1996" with "December 6, 1996"; replace "the owner and operator receives a final permit incorporating the requirements of this subpart" with "the permit is reissued in accordance with the requirements of 40 CFR 124.15 or reviewed in accordance with the requirements of 40 CFR 270.50(d)"	264.1080(c)					
STANDARDS: GENERAL						
insert "hazardous" before both occurrences of "waste management unit"; replace "§264.1084 through §264.1087" with "§§264.1084 through 264.1087"	264.1082(b)					
add "at section 4.4 of Method 25D in 40 CFR part 60, appendix A, or a value of 25 ppmw, whichever is less" at end of paragraph	264.1082(c)(2)(ix)(A)					
completely revise paragraph; if other analytical method used, one-half sum of limits of detection established for each organic constituent in waste that has Henry's law constant value at least 0.1 Y/X at 25 degrees Celsius	264.1082(c)(2)(ix)(B)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
insert "or surface impoundment" following "tank"	264.1082(c)(3)					
replace "Has" with "The organic hazardous constituents in the waste have"; add "the" before "EPA"; replace "or treated" with "or have been removed or destroyed"	264.1082(c)(4)(ii)					
WASTE DETERMINATION PROCEDURES						
insert "For a waste determination that is required by paragraph (a)(1) of this section," at beginning of paragraph; replace "may" with "shall"	264.1083(a)(2)					
replace "a waste management unit" with "waste management units"; replace "264.1082(c)(2)" with "264.1082(c)(2)(i) through 264.1082(c)(2)(vi)"; replace "§ 264.1084 through § 264.1087" with "§§ 264.1084 through 264.1087"	264.1083(b)(1)					
STANDARDS: TANKS						
insert ", and any manifold system associated with the fixed roof," before "shall be"	264.1084(c)(2)(iii)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
delete "it" before "shall be"; insert ", except as provided for in paragraphs (c)(2)(iii)(B)(1) and (2) of this section" at end of paragraph	264.1084(c)(2)(iii)(B)					
add new paragraph; when necessary to provide access to tank for performing activities of 264.1084(c)(2)(iii)(B)(2), venting of vapor headspace underneath fixed roof to control device is not required, opening of closure devices is allowed, and removal of fixed roof is allowed; following completion of activity, owner or operator shall secure closure device in closed position or reinstall cover and resume operation of control device	264.1084(c)(2)(iii)(B)(1)					
add new paragraph; during routine inspection, maintenance, or other activities needed for normal operations, and for removal of sludge or other residues from tank bottom	264.1084(c)(2)(iii)(B)(2)					
add new paragraph; safety devices, as defined in 40 CFR 265.1081, may be installed and operated as necessary on tank complying with 264.1084(e) requirements	264.1084(e)(4)					
replace "perimeter" with "diameter"	264.1084(f)(3)(i)(D)(4)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
replace "this subpart" with "this section"	264.1084(f)(3)(iii)					
add new paragraph; safety devices, as defined in 40 CFR 265.1081, may be installed and operated on tank complying with 264.1084(f)	264.1084(f)(4)					
add new paragraph; hazardous waste meets requirements of 264.1082(c)(4)	264.1084(j)(2)(iii)					
STANDARDS: SURFACE IMPOUNDMENTS						
replace "sections" with "section"	264.1085(b)(2)					
replace "for and designing" with "of construction and designing"	264.1085(d)(1)(iii)					
insert "the" before "surface impoundment"	264.1085(d)(2)(i)(B)					
add new paragraph; hazardous waste meets requirements of 264.1082(c)(4)	264.1085(e)(2)(iii)					
STANDARDS: CONTAINERS						
replace "it" with "the container"; insert comma after "integrity"; replace comma after "permeability" with ";	264.1086(c)(2)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
revise paragraph and add requirements; container visual inspection shall be conducted on or before date that container is accepted at facility; date of acceptance	264.1086(c)(4)(i)					
replace "a submerged-fill" with "A submerged-fill"	264.1086(d)(2)					
revise paragraph and add requirements; container visual inspection shall be conducted on or before date that container accepted at facility; date of acceptance	264.1086(d)(4)(i)					
completely revise paragraph; to determine compliance with 264.1086(d)(1)(ii), use procedure specified in 264.1083(d)	264.1086(g)					
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES						
add "that is a hazardous waste and that" after "All carbon"; add ", regardless of the average volatile organic concentration of the carbon" at end of paragraph	264.1087(c)(3)(ii)					
insert "closed-vent system and" before the first occurrence of "control device"	264.1087(c)(7)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
RECORDKEEPING REQUIREMENTS						
replace “(b) through (i)” with “(b) through (j)”; replace both occurrences of “paragraph (i)” with “paragraphs (i) and (j)”; replace “tank or container” with “waste management unit”; replace “§264.1084(d) of this subpart” with “§264.1080(d) or §264.1080(b)(7) of this subpart, respectively”	264.1089(a)					
delete “, the following information”; replace “provisions” with “requirements”	264.1089(b)(1)(ii)(B)					
replace “or containers” with “and containers”; replace “(c)(2)” with “§§ 264.1082(c)(2)(i) through (c)(2)(vi)”	264.1089(f)(1)					
add new paragraph; for each hazardous waste management unit not using air emission controls under 264.1084 through 264.1087 in accordance with 264.1080(b)(7), owner and operator shall record and maintain the following:	264.1089(j)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; certification that waste management unit equipped with and operating air emission controls in accordance with 40 CFR part 60, part 61, or part 63	264.1089(j)(1)					
add new paragraph; identification of specific requirements under 40 CFR part 60, part 61, or part 63 with which waste management unit is in compliance	264.1089(j)(2)					

**PART 265 - INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS
WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES**

SUBPART B - GENERAL FACILITY STANDARDS

GENERAL INSPECTION REQUIREMENTS

replace "it" with "the frequency; replace "265.1089, and 265.1091b" with "and 265.1084 through 265.1090 of this part,"	265.15(b)(4)					
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SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

OPERATING RECORD

replace "when required" with ", and corrective action where required by subpart F of this part and"; replace "265.1089, 265.1090, and 265.1091" with "and 265.1083 through 265.1090 of this part"	265.73(b)(6)					
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RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS						
APPLICABILITY						
add quotation marks around “90-day”;add “and is not a recycling unit under the requirements of 40 CFR 261.6” at end of paragraph	265.1030(b)(3)					
add new paragraph; requirements of part 265, subpart AA, do not apply to process vents at facility where owner or operator certifies that all process vents are equipped with and operating air emission controls in accordance with 40 CFR part 60, part 61, or part 63; documentation of compliance with 40 CFR part 60, part 61, or part 63 shall be kept or made available with facility operating record	265.1030(d)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES						
add new paragraph; owner or operator of existing facility who cannot install closed-vent system and control device to comply with part 265, subpart AA by effective date must prepare implementation schedule that includes expected dates of installation and operation; implementation schedule may allow up to 30 months for installation and startup	265.1033(a)(2)(i)					
add new paragraph; unit that begins operation after December 21, 1990, and subject to requirements of part 265, subpart AA when operation begins must comply with rules immediately	265.1033(a)(2)(ii)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; owner or operator of facility in existence on effective date of statutory or EPA regulatory amendment that renders facility subject to part 265, subpart AA shall comply with requirements of part 265, subpart AA no later than 30 months after amendment's effective date; when control equipment cannot be installed and operational by effective date facility owner or operator shall prepare implementation schedule; enter implementation schedule in operating record or permanent file at facility	265.1033(a)(2)(iii)					
add new paragraph; owners and operators of facilities and units newly subject to part 265, subpart AA after December 8, 1997, due to action other than under 265.1033(a)(2)(iii), must comply with requirements immediately	265.1033(a)(2)(iv)					
replace both occurrences of "oC" with "°C"	265.1033(f)(2)(vi)(B)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

SUBPART BB - AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS

APPLICABILITY

add quotation marks around "90-day"; add "and is not a recycling unit under the provisions of 40 CFR 261.6" at end of paragraph	265.1050(b)(3)					
remove "a period of"; replace "§ 265.1052 through § 265.1060" with "§§ 265.1052 through 265.1060"; insert comma between "identified" and "as required"	265.1050(e)					

STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES

redesignate 265.1060 as 265.1060(a); add "subject to this subpart" after "devices"; add "of this part" at end	265.1060(a)					
add new paragraph; owner or operator who cannot install closed-vent system and control device to comply with part 265, subpart BB by effective date must prepare implementation schedule including dates by which closed-vent system and control device will be installed and in operation; implementation schedule may allow up to 30 months after effective date for installation and startup	265.1060(b)(1)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; any units that begin operation after December 21, 1990, and are subject to part 265, Subpart BB, must comply with rules immediately	265.1060(b)(2)					
add new paragraph; owner or operator of facility in existence on effective date of statutory or regulatory amendment that renders facility subject to part 265, subpart BB shall comply with subpart BB, requirements no later than 30 months after effective date of amendment; facility owner or operator shall prepare implementation schedule; enter implementation schedule in operating record or permanent file at facility	265.1060(b)(3)					
add new paragraph; owners and operators of facilities and units newly subject to part 265, subpart BB, after December 8, 1997, due to action other than under 265.1060(b)(3), must comply with requirements immediately	265.1060(b)(4)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
ALTERNATIVE STANDARDS FOR VALVES IN GAS/VAPOR SERVICE OR IN LIGHT LIQUID SERVICE: SKIP PERIOD LEAK DETECTION AND REPAIR						
add “(i.e., monitor for leaks once every six months)” after “periods”; add “of this subpart” at end of paragraph	265.1062(b)(2)					
add “(i.e., monitor for leaks once every year)” after second occurrence of “periods”; add “of this subpart” at end of paragraph	265.1062(b)(3)					
RECORDKEEPING REQUIREMENTS						
delete “a period of”	265.1064(g)(6)					
revise paragraph; owner or operator of facility with equipment subject to part 265, subpart BB, and to leak detection, monitoring, and repair requirements of 40 CFR part 60, part 61, or part 63 may elect to determine compliance with subpart BB by documentation under 265.1064 or by documentation of compliance with 40 CFR part 60, part 61, or part 63; documentation of compliance under 40 CFR part 60, part 61, or part 63 shall be kept or made available with the operating record	265.1064(m)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

SUBPART CC - AIR EMISSION STANDARDS FOR TANKS, SURFACE IMPOUNDMENTS, AND CONTAINERS

APPLICABILITY

replace both "October 6, 1996" and "this date" with "December 6, 1996"	265.1080(b)(1)					
replace "October 6, 1996" with "December 6, 1996"	265.1080(c)					

DEFINITIONS

revise "In light material service"; replace "the vapor" with "The vapor"	265.1081					
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SCHEDULE FOR IMPLEMENTATION OF AIR EMISSION STANDARDS

replace "October 6, 1996" with "December 6, 1996"	265.1082(a)					
replace "required by" with "or waste management units required to comply with this subpart and complete modifications of production or treatment processes to satisfy exemption criteria in accordance with § 265.1083(c) of"; replace "October 6, 1996" with "December 6, 1996"	265.1082(a)(1)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
revise paragraph; when control equipment or waste management units required to comply with part 265, subpart CC cannot be installed and in operation or modifications of production or treatment processes to satisfy exemption criteria under § 265.1083(c) cannot be completed by December 6, 1996, owner or operator shall:	265.1082(a)(2)					
add “and waste management units, and complete modifications of production or treatment processes” after “equipment”	265.1082(a)(2)(i)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
replace "orders for the control equipment," with "orders for control equipment, waste management units, and production or treatment process modifications;"; add "or waste management units, and modifications of production or treatment processes;" before "completion"; replace "control equipment installation," with "control equipment or waste management unit installation, and production or treatment process modifications;" delete "any"; replace "meets" with "or waste management units, and modified production or treatment processes meet"	265.1082(a)(2)(ii)					
replace "October 6, 1996" with "December 6, 1996"	265.1082(a)(2)(iii)					
replace "October 6, 1996" with "December 6, 1996"	265.1082(a)(2)(iv)					
add "and units" after "facilities"; replace "statutory or regulatory amendments under the Act that render" with "a statutory or EPA regulatory amendment that renders"	265.1082(b)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
replace "all control equipment required by" with "control equipment or waste management units required to comply with this subpart, and complete modifications of production or treatment processes to satisfy exemption criteria of § 265.1083(c) of"	265.1082(b)(1)					
insert "or waste management units required to comply with" after "control equipment"; insert ", or when modifications of production or treatment processes to satisfy exemption criteria of § 265.1083(c) of this subpart cannot be completed" after "operation"	265.1082(b)(2)					
replace "operate" with "begin operation of"; insert "or waste management unit, and complete modification of production or treatment processes" after "control equipment"	265.1082(b)(2)(i)					
insert "of this part" after "§ 265.73"	265.1082(b)(2)(ii)					
insert "of this part" after "§ 265.73"	265.1082(b)(2)(iii)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
redesignate 265.1082(c) as 265.1082(d) and add new 265.1082(c); owners and operators of facilities and units that become newly subject to the part 265, subpart CC, requirements after December 8, 1997 due to action other than those in 265.1082(b) must comply with requirements immediately	265.1082(c)					
insert comma between "control equipment" and "and"	265.1082(d)					
STANDARDS: GENERAL						
replace both occurrences of "waste management unit" with "hazardous waste management unit"; replace "§265.1085 through §265.1088" with "§§ 265.1085 through 265.1088"	265.1083(b)					
replace "C" with "C _t "	265.1083(c)(2)(i)					
add "at section 4.4 of Method 25D in 40 CFR part 60, appendix A, or a value of 25 ppmw, whichever is less" at end of paragraph	265.1083(c)(2)(ix)(A)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
completely revise paragraph; if other analytical method used, one-half sum of limits of detection established for each organic constituent in waste that has Henry's law constant value at least 0.1 Y/X at 25 degrees Celsius	265.1083(c)(2)(ix)(B)					
add "or surface impoundment" after "tank"	265.1083(c)(3)					
replace "Has" with "The organic hazardous constituents in the waste have"; replace "EPA" with "the EPA"; replace "or treated" with "or have been removed or destroyed"	265.1083(c)(4)(ii)					
WASTE DETERMINATION PROCEDURES						
replace "The" with "For a waste determination that is required by paragraph (a)(1) of this section, the" at beginning of paragraph	265.1084(a)(2)					
replace "for the hazardous waste stream" with "and analyzed for a hazardous waste determination. The average of the four or more sample results constitutes a waste determination for the waste stream. One or more waste determinations may be required"	265.1084(a)(3)(ii)(B)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
replace "8260(B) or 8270(C)" with "8260 or 8270"	265.1084(a)(3)(iii)					
no change	265.1084(a)(3)(iii)(A)					
replace both occurrences of "8260(B)" with "8260"	265.1084(a)(3)(iii)(F)					
replace both occurrences of "8270(C)" with "8270"	265.1084(a)(3)(iii)(G)					
insert ", introduction, and analysis" after "preparation"	265.1084(a)(3)(iii)(G)(1)					
redesignate all except title as 265.1084(a)(3)(iv)(A)	265.1084(a)(3)(iv)					
revise redesignated paragraph; replace "samples analyzed" with "waste determinations conducted"; replace "paragraph (a)(3)(iii)" with "paragraphs (a)(3)(ii) and (iii)"; replace all "sample" with "waste determination"; at "n =", replace "collected (at least 4)" with "conducted"; at "C _i =", replace "§ 265.1084(a)(3)(ii) of this subpart" with "paragraph (a)(3)(iii) of this section (i.e., the average of the four or more samples specified in paragraph (a)(3)(ii)(B) of this section)"	265.1084(a)(3)(iv)(A)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; for purpose of determining C_i , for individual waste samples analyzed in accordance with 265.1084(a)(3)(iii), owner or operator shall account for VO concentrations determined to be below limit of detection of analytical method by using following VO concentration:	265.1084(a)(3)(iv)(B)					
add new paragraph; if Method 25D in 40 CFR part 60, appendix A is used for analysis, one-half blank value determined in method at section 4.4 of Method 25D	265.1084(a)(3)(iv)(B)(1)					
add new paragraph; if other analytical method used, one-half sum of limits of detection established for each organic constituent in waste that has Henry's law constant values at least 0.1 Y/X at 25 degrees Celsius	265.1084(a)(3)(iv)(B)(2)					
add new paragraph; provided that test method is appropriate for waste as required under 265.1084(a)(3)(iii), EPA will determine compliance based on test method used by owner or operator as recorded pursuant to § 265.1090(f)(1)	265.1084(a)(3)(v)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add "The owner or operator may choose one or more appropriate methods to analyze each collected sample in accordance with the requirements of paragraph (a)(3)(iii) of this section" at end of paragraph	265.1084(a)(4)(iv)					
replace "265.1083(c)(2)" with "265.1083(c)(2)(i) through (c)(2)(vi)"; replace "§ 265.1085 through § 265.1088" with "§§ 265.1085 through 265.1088"	265.1084(b)(1)					
replace "for the hazardous waste stream" with "and analyzed for a hazardous waste determination. The average of the four or more sample results constitutes a waste determination for the waste stream. One or more waste determinations may be required"; insert "waste" before "compositions"; replace "process treating" with "source or process generating"	265.1084(b)(3)(ii)(B)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
3 insert new second sentence; when owner or operator is making hazardous waste determination for treated hazardous waste to be compared to average VO concentration at point of waste origination or entry to treatment system, to determine if conditions of 264.1082(c)(2)(i) through (c)(2)(vi) or 265.1083(c)(2)(i) through (c)(2)(vi) are met, then waste samples shall be prepared and analyzed using same method(s) as used in making initial waste determinations at point of waste origination or at point of entry; remove "EPA" before "Method 624"; replace "8260(B) or 8270(C)" with "8260 or 8270"	265.1084(b)(3)(iii)					
replace both occurrences of "8260(B)" with "8260"	265.1084(b)(3)(iii)(F)					
replace both occurrences of "8270(C)" with "8270"	265.1084(b)(3)(iii)(G)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
revise paragraph; replace “samples analyzed” with “waste determinations conducted”; replace “paragraph (b)(3)(iii)” with “paragraphs (b)(3)(ii) and (iii)”; replace all “sample” with “waste determination”; at “n =”, replace “collected (at least 4)” with “conducted”; at “C _i =”, replace “§ 265.1084(b)(3)(iii) of this subpart” with “paragraph (b)(3)(iii) of this section (i.e., the average of the four or more samples specified in paragraph (b)(3)(ii)(B) of this section)”	265.1084(b)(3)(iv)					
add new paragraph; provided that test method is appropriate for waste as required under 265.1084(b)(3)(iii), determine compliance based on test method used by owner or operator as recorded pursuant to § 265.1090(f)(1)	265.1084(b)(3)(v)					
revised by placing “MR = E _b - E _a ” before “Where:”	265.1084(b)(8)(iii)					
revised by moving “respectively” to follow “of this section” and by placing “MR _{bio} = E _b x F _{bio} ” before “Where:”	265.1084(b)(9)(iv)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
replace "in air" with "or n-hexane and air"; add "methane or n-hexane" at end of paragraph	265.1084(d)(5)(ii)					
STANDARDS: TANKS						
insert ", and any manifold system associated with the fixed roof," following "fixed roof"	265.1085(c)(2)(iii)					
replace "and it shall" with "and shall"; insert ", except as provided for in paragraphs (c)(2)(iii)(B)(1) and (2) of this section" at end of paragraph	265.1085(c)(2)(iii)(B)					
add new paragraph; during periods necessary to provide access to tank for performing activities of 265.1085(c)(2)(iii)(B)(2), venting of vapor headspace underneath fixed roof to control device not required, opening of closure devices is allowed, and removal of fixed roof is allowed; following completion of activity, owner or operator shall promptly secure closure device in closed position or reinstall cover and resume operation of control device	265.1085(c)(2)(iii)(B)(1)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; during periods of routine inspection, maintenance, or other activities needed for normal operations, and for removal of accumulated sludge or other residues from bottom of tank	265.1085(c)(2)(iii)(B)(2)					
add new paragraph; safety devices, as defined in 265.1081, may be installed and operated as necessary on tank complying with requirements of 265.1085(e)	265.1085(e)(4)					
replace "perimeter" with "diameter"; replace "are then are" with "are then"	265.1085(f)(3)(i)(D)(4)					
add new paragraph; safety devices, as defined in 265.1081, may be installed and operated as necessary on tank complying with requirements of 265.1085(f)	265.1085(f)(4)					
add new paragraph; hazardous waste meets requirements of 265.1083(c)(4)	265.1085(j)(2)(iii)					
STANDARDS: SURFACE IMPOUNDMENTS						
replace "provisions" with "requirements"; replace "this sections" with "this section"	265.1086(b)(2)					
replace "materials for" with "materials of construction"	265.1086(d)(1)(iii)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
insert “the” before “surface impoundment”	265.1086(d)(2)(i)(B)					
add new paragraph; hazardous waste meets requirements of 265.1083(c)(4)	265.1086(e)(2)(iii)					

STANDARDS: CONTAINERS

revise paragraph and add requirements; container visual inspection shall be conducted on or before date that container accepted at facility; date of acceptance	265.1087(c)(4)(i)					
revise paragraph and add requirements; container visual inspection shall be conducted on or before date that container accepted at facility; date of acceptance	265.1087(d)(4)(i)					
completely revise paragraph; to determine compliance with 265.1087(d)(1)(ii), procedure specified in 265.1084(d) shall be used	265.1087(g)					

STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES

add “that is a hazardous waste and that” after “carbon”; add “, regardless of the average volatile organic concentration of the carbon” at end of paragraph	265.1088(c)(3)(ii)					
insert “closed-vent system and” between “The” and “control”	265.1088(c)(7)					

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
RECORDKEEPING REQUIREMENTS						
replace “paragraphs (b) through (i)” with “paragraphs (b) through (j)”; replace both occurrences of “paragraph (i)” with “paragraphs (i) and (j)”; replace “tank or container” with “waste management unit”; replace “§§ 264.1084 through 264.01087" with “§§ 265.1085 through 265.1088"; replace “§ 264.1084(d) of this subpart” with “§ 265.1080(d) or § 265.1080(b)(7) of this subpart, respectively”	265.1090(a)					
delete “, the following information”; replace “the location” with “The location”	265.1090(b)(1)(ii)(B)					
replace “or (c)(2)” with “§ 265.1083(c)(2)(i) through (c)(2)(vi)”	265.1090(f)(1)					
add new paragraph; for each hazardous waste management unit not using air emission controls specified in 265.1085 through 265.1088 in accordance with 265.1080(b)(7), owner and operator shall record and maintain the following information:	265.1090(j)					

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new paragraph; certification that waste management unit is equipped with and operating air emission controls in accordance with requirements under 40 CFR part 60, part 61, or part 63	265.1090(j)(1)					
add new paragraph; identification of specific requirements codified under 40 CFR part 60, part 61, or part 63 with which unit is in compliance	265.1090(j)(2)					

PART 265 APPENDICES

APPENDIX VI - COMPOUNDS WITH HENRY'S LAW CONSTANT LESS THAN 0.1 Y/X

revised to read as follows:

Appendix VI to Part 265--Compounds With Henry's Law Constant Less Than 0.1 Y/X

Compound name	CAS No.
Acetaldol	107-89-1
Acetamide	60-35-5
2-Acetylaminofluorene	53-96-3
3-Acetyl-5-hydroxypiperidine.	
3-Acetyl piperidine	618-42-8
1-Acetyl-2-thiourea	591-08-2
Acrylamide	79-06-1
Acrylic acid	79-10-7
Adenine	73-24-5
Adipic acid	124-04-9

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
Adiponitrile			111-69-3			
Alachlor			15972-60-8			
Aldicarb			116-06-3			
Ametryn			834-12-8			
4-Aminobiphenyl			92-67-1			
4-Aminopyridine			504-24-5			
Aniline			62-53-3			
o-Anisidine			90-04-0			
Anthraquinone			84-65-1			
Atrazine			1912-24-9			
Benzenearsonic acid			98-05-5			
Benzenesulfonic acid			98-11-3			
Benzidine			92-87-5			
Benzo(a)anthracene			56-55-3			
Benzo(k)fluoranthene			207-08-9			
Benzoic acid			65-85-0			
Benzo(g,h,i)perylene			191-24-2			
Benzo(a)pyrene			50-32-8			
Benzyl alcohol			100-51-6			
gamma-BHC			58-89-9			
Bis(2-ethylhexyl)phthalate			117-81-7			
Bromochloromethyl acetate.						
Bromoxynil			1689-84-5			
Butyric acid			107-92-6			

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
Caprolactam (hexahydro-2H-azepin-2-one)			105-60-2			
Catechol (o-dihydroxybenzene)			120-80-9			
Cellulose			9004-34-6			
Cell wall.						
Chlorhydrin (3-Chloro-1,2-propanediol)			96-24-2			
Chloroacetic acid			79-11-8			
2-Chloroacetophenone			93-76-5			
p-Chloroaniline			106-47-8			
p-Chlorobenzophenone			134-85-0			
Chlorobenzilate			510-15-6			
p-Chloro-m-cresol (6-chloro-m-cresol)			59-50-7			
3-Chloro-2,5-diketopyrrolidine.						
Chloro-1,2-ethane diol.						
4-Chlorophenol			106-48-9			
Chlorophenol polymers (2-chlorophenol & 4-chlorophenol)			95-57-8 & 106-48-9			
1-(o-Chlorophenyl)thiourea			5344-82-1			
Chrysene			218-01-9			
Citric acid			77-92-9			
Creosote			8001-58-9			
m-Cresol			108-39-4			
o-Cresol			95-48-7			
p-Cresol			106-44-5			
Cresol (mixed isomers)			1319-77-3			
4-Cumylphenol			27576-86			

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
Cyanide			57-12-5			
4-Cyanomethyl benzoate.						
Diazinon			333-41-5			
Dibenzo(a,h)anthracene			53-70-3			
Dibutylphthalate			84-74-2			
2,5-Dichloroaniline (N,N'-dichloroaniline)			95-82-9			
2,6-Dichlorobenzonitrile11			1194-65-6			
2,6-Dichloro-4-nitroaniline			99-30-9			
2,5-Dichlorophenol			333-41-5			
3,4-Dichlorotetrahydrofuran			3511-19			
Dichlorvos (DDVP)			62737			
Diethanolamine			111-42-2			
N,N-Diethylaniline			91-66-7			
Diethylene glycol			111-46-6			
Diethylene glycol dimethyl ether (dimethyl Carbitol)			111-96-6			
Diethylene glycol monobutyl ether (butyl Carbitol)			112-34-5			
Diethylene glycol monoethyl ether acetate (Carbitol acetate)			112-15-2			
Diethylene glycol monoethyl ether (Carbitol Cellosolve)			111-90-0			
Diethylene glycol monomethyl ether (methyl Carbitol)			111-77-3			
N,N'-Diethylhydrazine			1615-80-1			
Diethyl (4-methylumbelliferyl) thionophosphate			299-45-6			
Diethyl phosphorothioate			126-75-0			
N,N'-Diethylpropionamide			15299-99-7			
Dimethoate			60-51-5			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
2,3-Dimethoxystrychnidin-10-one			357-57-3			
4-Dimethylaminoazobenzene			60-11-7			
7,12-Dimethylbenz(a)anthracene			57-97-6			
3,3-Dimethylbenzidine			119-93-7			
Dimethylcarbamoyl chloride			79-44-7			
Dimethyldisulfide			624-92-0			
Dimethylformamide			68-12-2			
1,1-Dimethylhydrazine			57-14-7			
Dimethylphthalate			131-11-3			
Dimethylsulfone			67-71-0			
Dimethylsulfoxide			67-68-5			
4,6-Dinitro-o-cresol			534-52-1			
1,2-Diphenylhydrazine			122-66-7			
Dipropylene glycol (1,1'-oxydi-2-propanol)			110-98-5			
Endrin			72-20-8			
Epinephrine			51-43-4			
mono-Ethanolamine			141-43-5			
Ethyl carbamate (urethane)			5-17-96			
Ethylene glycol			107-21-1			
Ethylene glycol monobutyl ether (butyl Cellosolve)			111-76-2			
Ethylene glycol monoethyl ether (Cellosolve)			110-80-5			
Ethylene glycol monoethyl ether acetate (Cellosolve acetate)			111-15-9			
Ethylene glycol monomethyl ether (methyl Cellosolve)			109-86-4			
Ethylene glycol monophenyl ether (phenyl Cellosolve)			122-99-6			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
Ethylene glycol monopropyl ether (propyl Cellosolve)			2807-30-9			
Ethylene thiourea (2-imidazolidinethione)			9-64-57			
4-Ethylmorpholine			100-74-3			
3-Ethylphenol			620-17-7			
Fluoroacetic acid, sodium salt			62-74-8			
Formaldehyde			50-00-0			
Formamide			75-12-7			
Formic acid			64-18-6			
Fumaric acid			110-17-8			
Glutaric acid			110-94-1			
Glycerin (Glycerol)			56-81-5			
Glycidol			556-52-5			
Glycinamide			598-41-4			
Glyphosate			1071-83-6			
Guthion			86-50-0			
Hexamethylene-1,6-diisocyanate (1,6-diisocyanatohexane)			822-06-0			
Hexamethyl phosphoramidate			680-31-9			
Hexanoic acid			142-62-1			
Hydrazine			302-01-2			
Hydrocyanic acid			74-90-8			
Hydroquinone			123-31-9			
Hydroxy-2-propionitrile (hydracrylonitrile)			109-78-4			
Indeno (1,2,3-cd) pyrene			193-39-5			
Lead acetate			301-04-2			

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
Lead subacetate (lead acetate, monobasic)			1335-32-6			
Leucine			61-90-5			
Malathion			121-75-5			
Maleic acid			110-16-7			
Maleic anhydride			108-31-6			
Mesityl oxide			141-79-7			
Methane sulfonic acid			75-75-2			
Methomyl			16752-77-5			
p-Methoxyphenol			150-76-5			
Methyl acrylate			96-33-3			
4,4'-Methylene-bis-(2-chloroaniline)			101-14-4			
4,4'-Methylenediphenyl diisocyanate (diphenyl methane diisocyanate)			101-68-8			
4,4'-Methylenedianiline			101-77-9			
Methylene diphenylamine (MDA).						
5-Methylfurfural			620-02-0			
Methylhydrazine			60-34-4			
Methyliminoacetic acid.						
Methyl methane sulfonate			66-27-3			
1-Methyl-2-methoxyaziridine.						
Methylparathion			298-00-0			
Methyl sulfuric acid (sulfuric acid, dimethyl ester)			77-78-1			
4-Methylthiophenol			106-45-6			
Monomethylformamide (N-methylformamide)			123-39-7			
Nabam			142-59-6			

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
alpha-Naphthol			90-15-3			
beta-Naphthol			135-19-3			
alpha-Naphthylamine			134-32-7			
beta-Naphthylamine			91-59-8			
Neopentyl glycol (dimethylolpropane)			126-30-7			
Niacinamide			98-92-0			
o-Nitroaniline			88-74-4			
Nitroglycerin			55-63-0			
2-Nitrophenol			88-75-5			
4-Nitrophenol			100-02-7			
N-Nitrosodimethylamine			62-75-9			
Nitrosoguanidine			674-81-7			
N-Nitroso-n-methylurea			684-93-5			
N-Nitrosomorpholine (4-nitrosomorpholine)			59-89-2			
Oxalic acid			144-62-7			
Parathion			56-38-2			
Pentaerythritol			115-77-5			
Phenacetin			62-44-2			
Phenol			108-95-2			
Phenylacetic acid			103-82-2			
m-Phenylene diamine			108-45-2			
o-Phenylene diamine			95-54-5			
p-Phenylene diamine			106-50-3			
Phenyl mercuric acetate			62-38-4			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
Phorate			298-02-2			
Phthalic anhydride			85-44-9			
alpha-Picoline (2-methyl pyridine)			109-06-8			
1,3-Propane sulfone			1120-71-4			
beta-Propiolactone			57-57-8			
Proporur (Baygon).						
Propylene glycol			57-55-6			
Pyrene			129-00-0			
Pyridinium bromide			39416-48-3			
Quinoline			91-22-5			
Quinone (p-benzoquinone)			106-51-4			
Resorcinol			108-46-3			
Simazine			122-34-9			
Sodium acetate			127-09-3			
Sodium formate			141-53-7			
Strychnine			57-24-9			
Succinic acid			110-15-6			
Succinimide			123-56-8			
Sulfanilic acid			121-47-1			
Terephthalic acid			100-21-0			
Tetraethyldithiopyrophosphate			3689-24-5			
Tetraethylenepentamine			112-57-2			
Thiofanox			39196-18-4			
Thiosemicarbazide			79-19-6			

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Compound name			CAS No.			
2,4-Toluenediamine			95-80-7			
2,6-Toluenediamine			823-40-5			
3,4-Toluenediamine			496-72-0			
2,4-Toluene diisocyanate			584-84-9			
p-Toluic acid			99-94-5			
m-Toluidine			108-44-1			
1,1,2-Trichloro-1,2,2-trifluoroethane			76-13-1			
Triethanolamine			102-71-6			
Triethylene glycol dimethyl ether.						
Tripropylene glycol			24800-44-0			
Warfarin			81-81-2			
3,4-Xylenol (3,4-dimethylphenol)			95-65-8			

PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE PERMIT PROGRAM

SUBPART B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

insert "of this part" following "264.15(b)" and following "264.1088"	270.14(b)(5)					
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- ¹ Revision Checklist 163 (62 FR 64657; December 8, 1997) added a new paragraph at 264.1030(e). On October 8, 1997, paragraph 264.1030(d) was added to the Federal Code. 264.1030(d) does not appear on this Revision Checklist because it is not needed for state authorization (Project XL).
- ² Note the December 8, 1997 rule (62 FR 64636) added paragraph 265.1030(d). 265.1030(c) does not appear on this Revision Checklist because it is not needed for state authorization (Project XL).
- ³ At (b)(3)(iii) there is a typographical error. The internal reference to "(b)(4)(iii)" should be "(a)(4)(iii)".

RCRA REVISION CHECKLIST 163: Organic Air Emission Standards for Tanks, Surface
Impoundments, and Containers; Clarification and Technical Amendment(cont'd)

- ⁴ At 265.1090(f)(1) there is a typographical error. The reference to “265.1084(c)(2)(i)” should be “265.1083(c)(2)(i)”.