

US EPA ARCHIVE DOCUMENT

PROGRAM DESCRIPTION

Attachment 1

Checklist Crosswalk & Checklists

DELAWARE REVISION 3 APPLICATION CHECKLIST CROSSWALK

The State is seeking authority to administer the provisions contained in the checklists listed below:

CHECKLIST NUMBER	CHECKLIST TITLE	CLUSTER	DATE ADOPTED	EQUIVALENT ¹
SR1	Existing and Newly Regulated Surface Impoundments	HSWA Cluster I	7-17-98	Yes
17 H	Double Liners	HSWA Cluster I	5-8-86	Yes
17 L	Corrective Action	HSWA Cluster I	5-8-86	Yes
42	Exception Reporting for Small Quantity Generators of Hazardous Waste	HSWA Cluster II		Yes ¹
44 A	Permit Application Requirements Regarding Corrective Action	HSWA Cluster II	6-19-92	Yes
44 B	Corrective Action Beyond the Facility Boundary	HSWA Cluster II	6-19-92	Yes
44 C	Corrective Action for Injection Wells	HSWA Cluster II	6-19-92	More Stringent
44 D	Permit Modification	HSWA Cluster II		See CL 54 (Rev 1 App)
44 E	Permit as a Shield Provision	HSWA Cluster II	6-19-92	Yes
44 F	Permit Conditions to Protect Human Health and the Environment	HSWA Cluster II	6-19-92	Yes
44 G	Post-Closure Permits	HSWA Cluster II	8-23-99	Yes
77	Double Liners; Correction	HSWA Cluster II	6-19-92	Yes
100	Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units	RCRA II	8-1-95	Yes
121	Corrective Action Management Units and Temporary Units	RCRA III	8/1/95	Yes
126	Testing and Monitoring Activities	RCRA IV	7-23-96	Yes
127	Boilers and Industrial Furnaces	RCRA IV	7-23-96	Yes
128	Wastes From the Use of Chlorophenolic Formulations in Wood Surface Protection	RCRA IV	7-23-96	Yes
131	Recordkeeping Instructions; Technical Amendment	RCRA IV	7-23-96	Yes
132	Wood Surface Protection; Correction	RCRA IV		See CL 141
133	Letter of Credit Revision	RCRA IV	7-23-96	Yes
134	Correction of Beryllium Powder (P015) Listing	RCRA IV	7-23-96	Yes
135	Recovered Oil Exclusion	RCRA IV	7-21-97	Yes
136	Removal of Conditional Exemption for Certain Slag Residues	RCRA V	7-21-97	Yes

CHECKLIST NUMBER	CHECKLIST TITLE	CLUSTER	DATE ADOPTED	EQUIVALENT ¹
139	Testing and Monitoring Activities Amendment I	RCRA V		See CL 141
140	Carbamate Production Identification and Listing of Hazardous Waste	RCRA V	7-21-97	Yes
141	Testing and Monitoring Activities Amendment II	RCRA V	7-23-96	Yes
142 A	Universal Waste Rule: General Provisions	RCRA V	7-23-96	Yes
142 B	Universal Waste Rule: Specific Provisions for Batteries	RCRA V	7-23-96	Yes
142 C	Universal Waste Rule: Specific Provisions for Pesticides	RCRA V	7-23-96	Yes
142 D	Universal Waste Rule: Specific Provisions for Thermostats	RCRA V	7-23-96	Yes
142 E	Universal Waste Rule: Provisions for Petitions to Add a New Waste	RCRA V	7-23-96	Yes
144	Removal of Legally Obsolete Rules	RCRA V	7-17-98	Yes
145	Liquids in Landfills III	RCRA VI	7-17-98	Yes
148	RCRA Expanded Public Participation	RCRA VI	7-17-98	Yes
150	Recovered Oil Exclusion - Correction	RCRA VI	7-17-98	Yes
151	Land Disposal Restrictions Phase III	RCRA VI	7-17-98	Yes
152	Imports and Exports of Hazardous Waste: Implementation of OECD Council Decision	RCRA VI	7-17-98	Yes
154	Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers (includes former revision checklists 138, 143, 146, and 149)	RCRA VII	7-17-98	Yes
155	Land Disposal Restrictions Phase III - Emergency Extension of the K088 Capacity Variance	RCRA VII		See CL 160
156	Military Munitions Rule	RCRA VII	7-17-98	Yes
157	Land Disposal Restrictions Phase IV	RCRA VII	7-17-98	Yes
158	Testing and Monitoring Activities Amendment III	RCRA VII	7-17-98	Yes
159	Carbamate Production, Identification and Listing of Hazardous Waste; Land Disposal Restrictions (Conformance With Carbamate Vacatur)	RCRA VII	7-17-98	Yes
160	Land Disposal Restrictions Phase III - Emergency Extension of the K088 National Capacity Variance, Amendment	RCRA VIII	7-17-98	Yes

CHECKLIST NUMBER	CHECKLIST TITLE	CLUSTER	DATE ADOPTED	EQUIVALENT ¹
161	Second Emergency Revision of the Land Disposal Restrictions (LDR) Treatment Standards for Listed Hazardous Wastes from Carbamate Production	RCRA VIII	7-17-98	Yes
162	Clarification of Standards for Hazardous Waste LDR Treatment Variances	RCRA VIII	8-23-99	Yes
163	Organic Air Emission Standards for Tanks, Surface Impoundments, and Containers; Clarification and Technical Amendment	RCRA VIII	8-23-99	Yes
166	Recycled Used Oil Management Standards; Technical Correction and Clarification	RCRA VIII	8-23-99	Yes
167 A	Land Disposal Restrictions Phase IV: Treatments Standards for Metal Wastes and Mineral Processing Wastes	RCRA VIII	8-23-99	Yes
167 B	Land Disposal Restrictions Phase IV: Hazardous Soils Treatment Standards and Exclusions	RCRA VIII	8-23-99	Yes
167 C	Land Disposal Restrictions Phase IV: Land Disposal Restrictions Phase IV: Corrections	RCRA VIII	8-23-99	Yes
167 D	Land Disposal Restrictions Phase IV: Mineral Processing Secondary Materials Exclusion	RCRA VIII	8-23-99	Yes
167 E	Land Disposal Restrictions Phase IV: Bevill Exclusions and Clarification	RCRA VIII	8-23-99	Yes
167 F	Land Disposal Restrictions Phase IV: Exclusion of Recycled Wood Preserving Wastewaters	RCRA VIII	8-23-99	Yes
168	Hazardous Waste Combusters; Revised Standards	RCRA VIII	8-23-99	Yes
169	Petroleum Refining Process	RCRA IX	8-23-99	Yes
171	Emergency Revision of the LDR Treatment Standards for Listed Hazardous Wastes from Carbamate Production	RCRA IX	8-23-99	Yes
172	LDR IV - Extension of Compliance Date for Characteristic Slags	RCRA IX	8-23-99	Yes

CHECKLIST NUMBER	CHECKLIST TITLE	CLUSTER	DATE ADOPTED	EQUIVALENT ¹
173	LDR - Treatment Standards for Spent Potliners from Primary Aluminum Reduction (K088)	RCRA VIII	8-23-99	Yes
174	Post Closure Requirements and Closure Process	RCRA IX	8-23-99	Yes
177	Organic Air Emission Standards: Clarification and Technical Amendments	RCRA IX	8-23-99	Yes

¹Except where noted in the Program Description and Attorney General's Statement

(Revised 12/1/99)

Double Liners

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

PART 264 - FACILITY PERMIT REQUIREMENTS

SUBPART K - SURFACE IMPOUNDMENTS

DESIGN AND OPERATING REQUIREMENTS

apply to TSD facilities	264.221(a)	264.221(a)	equivalent
two or more liners	264.221(c)	264.221(c)	equivalent
† alternative design and operating practices	264.221(d)	264.221(d)	equivalent
† monofills	264.221(e)	264.221(e)	equivalent

SUBPART N - LANDFILLS

DESIGN AND OPERATING REQUIREMENTS

introductory text	264.301(a)	264.301(a)	equivalent
two or more liners	264.301(c)	264.301(c)	equivalent
† alternative design and operating practices	264.301(d)	264.301(d)	equivalent
† monofills	264.301(e)	264.301(e)	equivalent
landfills in Alabama	264.301(k)		not applicable
(old paragraphs 264.301(e),(d),(e),(f) and (c) redesignated)			equivalent

PART 265 - FACILITY INTERIM STATUS STANDARDS

SUBPART K - SURFACE IMPOUNDMENTS

DESIGN REQUIREMENTS

two or more liners	265.221(a)	265.221(a)	equivalent
notify RA	265.221(b)	265.221(b)	equivalent
† alternative design	265.221(c)	265.221(c)	equivalent
† monofill	265.221(d)	265.221(d)	equivalent
allows installed liner			
† to be permitted liner	265.221(e)	265.221(e)	equivalent

Double Liners

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

SUBPART L - WASTE PILES

DESIGN REQUIREMENTS

two or more liners	265.254	265.254	equivalent
--------------------	---------	---------	------------

SUBPART N - LANDFILLS

DESIGN REQUIREMENTS

two or more liners	265.301(a)	265.301(a)	equivalent
notify the RA	265.301(b)	265.301(b)	equivalent
† alternative design	265.301(c)	265.301(c)	equivalent
† monofills	265.301(d)	265.301(d)	equivalent
† allows installed liner to be permitted liner	265.301(e)	265.301(e)	equivalent

Corrective Action

FEDERAL REQUIREMENT	RCRA CITE	STATE AUTHORITY		IF DIFFERENT FROM FEDERAL REQUIREMENT, EXPLAIN
		STATUTE	REGULATION	

PART 264 - FACILITY PERMIT REQUIREMENTS

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

APPLICABILITY

solid waste management unit	264.90(a)	264.90(a)	equivalent
-----------------------------	-----------	-----------	------------

CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

solid waste management unit	264.101(a)	264.101(a)	equivalent
specified in permit	264.101(b)	264.101(b)	equivalent

PART 270 - PERMITTING REQUIREMENTS

SUBPART F - SPECIAL FORMS OF PERMITS

PERMITS BY RULE

UIC permits issued after 11/8/84	270.60(b)(3)		not adopted, UIC banned in Delaware per Section 264.1(d)
NPDES permits issued after 11/8/84	270.60(c)(3)vii	122.60(c)(3)(vii)	equivalent

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 42

Exception Reporting for Small Quantity Generators of Hazardous Waste
 52 FR 35894-35899
 September 23, 1987
 (HSWA Cluster II)

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV-ALENT	MORE STRINGENT	BROADER IN SCOPE

PART 262 - STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE

SUBPART D - RECORDKEEPING AND REPORTING

EXCEPTION REPORTING

generators greater than 1,000 kg/mo. or than 1 kg/mo. of acute waste	262.42(a)(1)	Not Applicable			
generators greater than 1,000 kg/mo.	262.42(a)(2)	262.42(a)(2)	X		
generators 100 to 1,000 kg/mo.	262.42(b)	262.42(b)		X	

SPECIAL REQUIREMENTS FOR GENERATORS OF BETWEEN 100 AND 1000 KG/MO

changes in introductory paragraph	262.44	262.44	X		
additional 262.42(b) requirement	262.44(a-c)	262.44(a-c)	X		

RCRA REVISION CHECKLIST 44

HSWA Codification Rule 2
52 FR 45788-45799
December 1, 1987
(HSWA Cluster II)

This codification rule is a companion to the initial codification rule of July 15, 1985 (Revision Checklist 17) and incorporates logical outgrowths of the 1984 HSWA amendments into the existing RCRA regulations. Since HSWA provides that States may seek authorization for selected provisions (instead of having to adopt all provisions simultaneously), this checklist has been divided into logical subgroupings. There are seven subsections to this checklist.

- Checklist 44 A - Permit Application Requirements Regarding Corrective Action
- Checklist 44 B - Corrective Action Beyond the Facility Boundary
- Checklist 44 C - Corrective Action for Injection Wells
- Checklist 44 D - Permit Modification
- Checklist 44 E - Permit as a Shield Provision
- Checklist 44 F - Permit Conditions to Protect Human Health and the Environment
- Checklist 44 G - Post-Closure Permits

Revised under Checklist 54

RCRA REVISION CHECKLIST 44 A

Permit Application Requirements Regarding Corrective Action

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRINGENT	BROADER IN SCOPE

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

SUBPART B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

facilities containing a regulated unit	270.14(c)	122.14(c)	X		
information requirements:	270.14(d)	122.14(d)	X		
solid waste management unit information	270.14(d)(1)(i-v)	122.14(d)(1)(i-r)	X		
hazardous waste release information	270.14(d)(2)	122.14(d)(2)	X		
facility assessment information	270.14(d)(3)	122.14(d)(3)	X		

RCRA REVISION CHECKLIST 44 B

Corrective Action Beyond the Facility Boundary

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV-ALENT	MORE STRINGENT	BROADER IN SCOPE

PART 264 - STANDARDS FOR THE OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

CORRECTIVE ACTION PROGRAM

new introductory wording	264.100(e)	264.100(e)	X		
compliance point/ downgradient property boundary	264.100(e)(1)	264.100(e)(1)	X		
release beyond the facility boundary	264.100(e)(2)	264.100(e)(2)	X		

CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

corrective action beyond facility boundaries	264.101(c)	264.101(c)	X		
--	------------	------------	---	--	--

RCRA REVISION CHECKLIST 44 C

Corrective Action for Injection Wells

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRINGENT	BROADE IN SCOPE
PART 144 - REQUIREMENTS FOR THE UNDERGROUND INJECTION CONTROL PROGRAM					

SUBPART A - GENERAL PROVISIONS

PURPOSE AND SCOPE OF PART 144

interim status for Class I wells	144.1(h)	Not Adopted		X	
-------------------------------------	----------	-------------	--	---	--

SUBPART D - AUTHORIZATION BY PERMIT

APPLICATION FOR A PERMIT, AUTHORIZATION BY PERMIT

information requirements	144.31(q)(1)	Not Adopted		X	
information on hazardous waste releases	144.31(q)(2)	Not Adopted		X	
preliminary site investigations	144.31(q)(3)	Not Adopted		X	

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

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

remove (c)(2)	265.1(c)(2)	265.1(c)(2)	X		
---------------	-------------	-------------	---	--	--

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

SUBPART F - SPECIAL FORMS OF PERMITS

PERMITS BY RULE

complies with 264.101	270.60(b)(3)(I)	Not Adopted		X	
UIC well is the only unit	270.60(b)(3)(II)	Not Adopted		X	

RCRA REVISION CHECKLIST 44 D

Permit Modification

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRINGENT	BROADER IN SCOPE

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

SUBPART D - CHANGES TO PERMITS

MAJOR MODIFICATION OR REVOCATION AND REISSUANCE OF PERMITS

statutory requirements	270.41(a)(3)	Revised Under Checklist 54			
modification by the director	270.41(a)(3)(i)	Revised Under Checklist 54			
permittee request for modification	270.41(a)(3)(ii)	Revised Under Checklist 54			
† renumber old (3)(ii) as (3)(iii) and revise	270.41(a)(3)(iii)	Revised Under Checklist 54			

RCRA REVISION CHECKLIST 44 E

Permit as a Shield Provision

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRINGENT	BROADE- R IN SCOPE

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

SUBPART A - GENERAL INFORMATION

EFFECT OF A PERMIT

exception of requirements not in permit or under Part 268	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRINGENT	BROADE- R IN SCOPE
	270.4(a)	122.4(a)	X		

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 44 F

Permit Conditions to Protect Human Health and the Environment

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE

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

SUBPART B - PERMIT APPLICATION

GENERAL APPLICATION REQUIREMENTS

Information for permit conditions	270.10(k)	122.10(k)	X		
-----------------------------------	-----------	-----------	---	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 44 G

Post-Closure Permits

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS		
			EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE

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

SUBPART A - GENERAL INFORMATION

PURPOSE AND SCOPE OF THESE REGULATIONS

post-closure permits	270.1(c)	122.1(c)	X		
closure by removal/decontamination determination following Part B application submittal	270.1(c)(5)	122.1(c)(5)	X		
† petition if Part B application not submitted	270.1(c)(5)(i)	122.1(c)(5)(i)	X		
† what petition data must demonstrate	270.1(c)(5)(ii)	122.1(c)(5)(ii)	X		
† RA approval/denial	270.1(c)(5)(iii)	122.1(c)(5)(iii)	X		
procedures for equivalency determination	270.1(c)(6)(i)	122.1(c)(6)(i)	X		
procedure if determination finds equivalency is not met	270.1(c)(6)(ii)	122.1(c)(6)(ii)	X		
requirements if 264 closure standards are not met	270.1(c)(6)(iii)	122.1(c)(6)(iii)	X		

RCRA REVISION CHECKLIST 77

HSWA Codification Rule, Double Liners; Correction
 55 FR 19262-19264
 May 9, 1990
 (HSWA Cluster II)

Note: The final rule addressed by this checklist corrects 264.221(c) and 264.301(c) as promulgated on July 15, 1985 (50 FR 28702; Revision Checklist 17 H). This correction is based on a decision reached in the U.S. Court of Appeals for the District of Columbia on June 23, 1987 concerning a lawsuit filed against EPA. States not yet authorized for Revision Checklist 17 H are encouraged to adopt these corrections at the same time the Revision Checklist 17 H provisions are adopted.

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS		
			EQUIV-ALENT	MORE STRINGENT	BROADER IN SCOPE

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

SUBPART K - SURFACE IMPOUNDMENTS

DESIGN AND OPERATING REQUIREMENTS

1 insert "for units where the Part B of the permit application is received by the Regional Administrator after November 8, 1984" after "permit"	264.221(c)	264.221(c)	+		
---	------------	------------	---	--	--

SUBPART N - LANDFILLS

DESIGN AND OPERATING REQUIREMENTS

add sentence regarding applicability of 264.301(c) only where Part B of the permit application is received after November 8, 1984	264.301(c)	264.301(c)	X		
---	------------	------------	---	--	--

¹ "Issuance" should not be changed to "Insurance" in this paragraph; this is a typographical error in the FR for this correction notice (55 FR 19263).

RCRA REVISION CHECKLIST 100

Adopted August 1, 1995

Liners and Leak Detection Systems for Hazardous Waste
Land Disposal Units
57 FR 3462-3497
January 29, 1992
(RCRA Cluster II, Both HWSA and Non-HWSA provisions)

Note: As is explained in the preamble (57 FR 3480 & 3481), EPA considers all of this rule to be promulgated pursuant to HSWA, with the exception of the Construction Quality Assurance Program (CQA) as it applies to final cover requirements.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B - DEFINITIONS						
DEFINITIONS						
add "replacement unit"	260.10	260.10	X			
revise "sump"	260.10	260.10	X			
PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES						
SUBPART B - GENERAL FACILITY STANDARDS						
GENERAL INSPECTION REQUIREMENTS						
replace "264.194" with "264.193, 264.195"; remove "264.253"; add "264.278"	264.15(b)(4)	264.15(b)(4)	X			
1 CONSTRUCTION QUALITY ASSURANCE PROGRAM						
2 CQA program	264.19(a)	264.19(a)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
required for all surface impoundment, wastepile and landfill units that must comply with 264.221(c)&(d), 264.251(c)&(d), and 264.301(c)&(d); program must ensure constructed unit meets or exceeds all permit design criteria and specifications; program must be developed and implemented under a CQA officer who is a registered professional engineer	264.19(a)(1)	264.19(a)(1)	X			
the physical components the CQA program must address	264.19(a)(2)	264.19(a)(2)	X			
	264.19(a)(2)(i)	264.19(a)(2)(i)	X			
	264.19(a)(2)(ii)	264.19(a)(2)(ii)	X			
	264.19(a)(2)(iii)	264.19(a)(2)(iii)	X			
	264.19(a)(2)(iv)	264.19(a)(2)(iv)	X			
	264.19(a)(2)(v)	264.19(a)(2)(v)	X			
	264.19(a)(2)(vi)	264.19(a)(2)(vi)	X			
before construction begins, owner/operator must develop a written CQA plan; must identify steps that will be used to monitor and document quality of materials and condition and manner of their installation; what the CQA plan must include:	264.19(b)	264.19(b)	X			
identification of applicable units and how they will be constructed	264.19(b)(1)	264.19(b)(1)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
identification of key CQA plan development and implementation personnel; CQA officer qualifications	264.19(b)(2)	264.19(b)(2)	X			
inspection and sampling activities' description; what must be described	264.19(b)(3)	264.19(b)(3)	X			
contents of program	264.19(c)	264.19(c)	X			
must include observations, inspections, tests, and measurements sufficient to ensure:	264.19(c)(1)	264.19(c)(1)	X			
structural stability and integrity of 264.19(a)(2) units	264.19(c)(1)(i)	264.19(c)(1)(i)	X			
proper construction according to permit specifications and good engineering practices, and proper installation according to design specifications	264.19(c)(1)(ii)	264.19(c)(1)(ii)	X			
material conformity with design and other material specifications	264.19(c)(1)(iii)	264.19(c)(1)(iii)	X			
test fills for compacted soils liners, using full scale compaction methods to ensure liners are constructed to meet specific hydraulic conductivity requirements; compliance verified by in-situ testing on constructed test fill; conditions under which alternate may be accepted	264.19(c)(2)	264.19(c)(2)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
certification to Regional Administrator before waste received; signed by CQA officer stating that approved CQA plan successfully carried out and units meet specific requirements; 270.30(l)(2)(ii) procedure complete; documentation furnished upon request	264.19(d)	264.19(d)	X			
SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING						
OPERATING RECORD						
insert "264.19, 264.191, 264.193, 246.195, 264.222, 264.223"; replace "264.253, 264.254" with "264.252 - 264.254" and "264.303" with "264.302 - 264.304"	264.73(b)(6)	264.73(b)(6)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
SUBPART K - SURFACE IMPOUNDMENTS						
DESIGN AND OPERATING REQUIREMENTS						
completely revise paragraph; surface impoundments which must install two or more liners and a leachate collection and removal system between such liners; "construction commences" defined under "existing facility"	264.221(c)	264.221(c)	X			
liner system must include:	264.221(c)(1)(i)	264.221(c)(1)(i)	X			
top liner designed and constructed to prevent migration of hazardous constituents into liner for specified period	264.221(c)(1)(i)(A)	264.221(c)(1)(i)(A)	X			
3 composite bottom liner consisting of at least two components; upper component to prevent migration of hazardous constituents into this component during specified period; lower component designed and constructed to minimize such migration if upper component is breached; specified thickness and hydraulic conductivity	264.221(c)(1)(B)	264.221(c)(1)(i)(B)	X			
liners must comply with 264.221(a)(1),(2)&(3)	264.221(c)(ii)	264.221(c)(1)(ii)	X			
relationship between leachate collection and removal system and a "leak detection system"; what system must be capable of; minimum requirements	264.221	264.221(c)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
bottom slope of 1 percent or more	264.221(c)(2)(i)	264.221(c)(2)(i)	X			
4 constructed of: 1) granular drainage materials with 1×10^{-1} cm/sec or more hydraulic conductivity and 12 in. (30.5 cm) or more thickness, or 2) synthetic or geonet drainage materials with 3×10^{-4} m ² /sec or more transmissivity	264.221(c)(2)(iii)	264.221(c)(2)(ii)	X			
construction material specifications	264.221(c)(2)(iii)	264.221(c)(2)(iii)	X			
designed and operated to minimize clogging during active life and post-closure care period	264.221(c)(2)(iv)	264.221(c)(2)(iv)	X			
specifications for sumps and liquid removal methods	264.221(c)(2)(v)	264.221(c)(2)(v)	X			
collect and remove pumpable liquids in sumps to minimize head on bottom liner	264.221(c)(3)	264.221(c)(3)	X			
what must be demonstrated if leak detection system is not located completely above seasonal high water table	264.221(c)(4)	264.221(c)(4)	X			
Regional Administrator may approve alternate design or operating practices if owner or operator can demonstrate that design/practices will:	264.221(d)	264.221(d)	X			
prevent hazardous constituent migration into ground or surface water as effectively as system specified in 264.221(c), and	264.221(d)(1)	264.221(d)(1)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN GENT	BROADER IN SCOPE
allow detection of hazardous constituent leaks through top liner at least as effectively	264.221(d)(2)	264.221(d)(2)	X			
redesignate old 264.221(f) as 264.221(g); add new paragraph on exemption from 264.221(c) for replacement surface impoundment unit	264.221(f)	264.221(f)	X			
meets RCRA 3004(o)(1)(A)(i) and (o)(5) design standards	264.221(f)(1)	264.221(f)(1)	X			
no reason to believe liner is not functioning as designed	264.221(f)(2)	264.221(f)(2)	X			
old 264.221(f),(g)&(h) become 264.221(g),(h)&(i)	264.221(g)-(i)	264.221(g)-(i)	X			
ACTION LEAKAGE RATE						
Regional Administrator approval of action leakage rate for surface impoundment units subject to 264.221(c)or(d); definition of action leakage rate; adequate safety margin	264.222(a)	264.222(a)	X			
how to determine if action leakage rate has been exceeded; unless another calculation approved, average daily flow rate calculated weekly, during active life and closure period and monthly during post-closure care period	264.222(b)	264.222(b)	X			
RESPONSE ACTIONS						

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
approved response action plan before receipt of waste for surface impoundments subject to 264.221(c)or(d); address actions if action leakage rate exceeded; at a minimum plan must describe actions in 264.223(b)	264.223(a)	264.223(a)	X			
responsibilities if flow rate into leak detection system exceeds the action leakage rate for any sump:	264.223(b)	264.223(b)	X			
notify Regional Administrator in writing within seven days of determination	264.223(b)(1)	264.223(b)(1)	X			
preliminary assessment to Regional Administrator within 14 days of determination; what assessment must address	264.223(b)(2)	264.223(b)(2)	X			
determine location, size and cause of any leak	264.223(b)(3)	264.223(b)(3)	X			
determine whether 1) waste receipt should cease or be curtailed, 2) waste should be removed for inspection, repairs, or controls, or 3) unit should be closed	264.223(b)(4)	264.223(b)(4)	X			
determine short- and longer-term actions to mitigate or stop any leaks	264.223(b)(5)	264.223(b)(5)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
within 30 days after Regional Administrator notification, submit the results of 264.223(b)(3)-(5) analyses, the results of actions taken, and actions planned; thereafter, as long as flow rate exceeds action leakage rate, monthly report to Regional Administrator summarizing results of remedial actions taken and actions planned	264.223(b)(6)	264.223(b)(6)	X			
how the 264.223(b)(3)-(5) determinations must be made:	264.223(c)	264.223(c)	X			
assess the source of liquids and amounts by source	264.223(c)(1)(i)	264.223(c)(1)(i)	X			
conduct analyses of liquids in leak detection system to identify sources of liquids and location of leaks, and the hazard and mobility of the liquid	264.223(c)(1)(ii)	264.223(c)(1)(ii)	X			
assess seriousness of leaks	264.223(c)(1)(iii)	264.223(c)(1)(iii)	X			
document why assessments not needed	264.223(c)(2)	264.223(c)(2)	X			
MONITORING AND INSPECTION						
if leak detection system required under 264.221(c) or (d), record amount of liquids removed from each sump, at least weekly during active life and closure period	264.226(d)(1)	264.226(d)(1)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
after final cover installed, at least monthly record the amount of liquids removed from each leak detection sump; when quarterly and semi-annual recording allowed; when monthly recording must resume	264.226(d)(2)	264.226(d)(2)	X			
definition of "pump operating level"	264.226(d)(3)	264.226(d)(3)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

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

CLOSURE AND POST-CLOSURE CARE

redesignate old 264.228(b)(2) as 264.228(b)(3); add new paragraph addressing maintaining and monitoring leak detection system in accordance with 264.221(c)(2)(iv)&(3) and 264.226(d); comply with other applicable Part 264 leak detection requirements	264.228(b)(2)	264.228(b)(2)	X			
redesignated 264.228(b)(2) becomes new 264.228(b)(3)	264.228(b)(3)	264.228(b)(3)	X			
redesignated 264.228(b)(3) becomes new 264.228(b)(4)	264.228(b)(4)	264.228(b)(4)	X			

SUBPART L - WASTE PILES

DESIGN AND OPERATING REQUIREMENTS

redesignate old 264.251(c) as 264.251(g); add new paragraph addressing waste piles that must install two or more liners and a leachate collection and removal system above and between these liners; "construction commences" defined under "existing facility"	264.251(c)	264.251(c)	X			
liner system must include:	264.251(c)(1)(i)	264.251(c)(1)(i)	X			
top liner designed and constructed to prevent migration of hazardous constituents into liner for specified period	264.251(c)(1)(i)(A)	264.251(c)(1)(i)(A)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
composite bottom liner consisting of at least two components; upper component to prevent migration of hazardous constituents into this component during specified period; lower component designed and constructed to minimize such migration if upper component is breached; specified thickness and hydraulic conductivity	264.251(c)(1)(i)(B)	264.251(c)(1)(i)(B)	X			
liners must comply with 264.251(a)(1)(i)-(iii)	264.251(c)(1)(ii)	264.251(c)(1)(ii)	X			
leachate collection and removal system must collect and remove leachate from the waste pile during the active life and post-closure care period; Regional Administrator to specify permit conditions to ensure leachate depth over liner does not exceed 30 cm (1 ft); leachate collection and removal system must comply with 264.251(c)(3)(iii)&(iv)	264.251(c)(2)	264.251(c)(2)	X			
relationship between leachate collection and removal system and the leak detection system; what the leak detection system must be capable of; minimum requirements:	264.251(c)(3)	264.251(c)(3)	X			
bottom slope of 1 percent or more	264.251(c)(3)(i)	264.251(c)(3)(i)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
constructed of: 1) granular drainage materials with hydraulic conductivity of 1×10^{-2} cm/sec or more, and 12 in. (30.5 cm) or more thickness; or 2) synthetic or geonet drainage materials with 3×10^{-5} m ² /sec or more transmissivity	264.251(c)(3)(ii)	264.251(c)(3)(ii)	X			
construction material specifications	264.251(c)(3)(iii)	264.251(c)(3)(iii)	X			
designed/operated to minimize clogging during active life and post-closure care period	264.251(c)(3)(iv)	264.251(c)(3)(iv)	X			
specifications for sumps and liquid removal methods	264.251(c)(3)(v)	264.251(c)(3)(v)	X			
collect and remove pumpable liquids in leak detection system sumps to minimize head on the bottom liner	264.251(c)(4)	264.251(c)(4)	X			
what must be demonstrated if leak detection system not located completely above seasonal high water table	264.251(c)(5)	264.251(c)(5)	X			
redesignate old 264.251(d) as 264.251(h); add new paragraph addressing circumstances under which Regional Administrator may approve alternate design or operating practices if owner/operator can demonstrate that design/practices will:	264.251(d)	264.251(d)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
prevent hazardous constituent migration into ground or surface water as effectively as system specified in 264.251(c), and	264.251(d)(1)	264.251(d)(1)	X			
allow detection of hazardous constituent leaks through top liner at least as effectively	264.251(d)(2)	264.251(d)(2)	X			
redesignate old 264.251(e) as 264.251(i); add new paragraph addressing monofills granted a 264.221(e) waiver by Regional Administrator	264.251(e)	264.251(e)	X			
redesignate old 264.251(f) as 264.251(j); add new paragraph addressing when a replacement waste pile owner/operator is exempt from 264.251(c)	264.251(f)	264.251(f)	X			
meets RCRA 3004(o)(1)(A)(i) and (o)(5) design standards	264.251(f)(1)	264.251(f)(1)	X			
no reason to believe liner is not functioning as designed	264.251(f)(2)	264.251(f)(2)	X			
old 264.251(c)-(g) become new 264.251(g)-(k)	264.251(f)(g)-(k)	264.251(f)(g)-(k)	X			
ACTION LEAKAGE RATE						
5 Regional Administrator approval of action leakage rate for waste pile units subject to 264.251(c) or (d); definition of action leakage rate; adequate safety margin	264.252(a)	264.252(a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
how to determine if action leakage rate has been exceeded; unless another calculation approved, average daily flow rate calculated weekly, during active life and closure period	264.252(b)	264.252(b)	X			

**RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
RESPONSE ACTIONS						
approved response action plan before receipt of waste for waste piles subject to 264.251(c) or (d); address actions if action leakage rate exceeded; plan must describe actions in 264.253(b)	264.253(a)	264.253(a)	X			
responsibilities if flow rate into leak system exceeds the action leakage rate for any sump:	264.253(b)	264.253(b)	X			
notify Regional Administrator in writing within seven days of determination	264.253(b)(1)	264.253(b)(1)	X			
preliminary assessment to Regional Administrator within 14 days of determination; what assessment must address	264.253(b)(2)	264.253(b)(2)	X			
determine location, size and cause of any leak	264.253(b)(3)	264.253(b)(3)	X			
determine if 1) waste receipt should cease or be curtailed, 2) waste should be removed for inspection, repairs, or controls, and 3) unit should be closed	264.253(b)(4)	264.253(b)(4)	X			
determine short- and longer-term actions to mitigate or stop <u>any</u> leaks	264.253(b)(5)	264.253(b)(5)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
within 30 days after Regional Administrator notification, submit the results of 264.253(b)(3)-(5) analyses, the results of actions taken and actions planned; thereafter, as long as flow rate exceeds action leakage rate, monthly report to Regional Administrator summarizing results of remedial actions taken and actions planned	264.253(b)(6)	264.253(b)(6)	X			
how the 264.253(b)(3), (4), & (5) determinations must be made	264.253(c)	264.253(c)	X			
assess the source of liquids and amounts by source	264.253(c)(1)(i)	264.253(c)(1)(i)	X			
conduct analyses of liquids in leak detection system to identify sources of liquids and location of leaks, and the hazard and mobility of the liquid	264.253(c)(1)(ii)	264.253(c)(1)(ii)	X			
assess seriousness of leaks	264.253(c)(1)(iii)	264.253(c)(1)(iii)	X			
document why assessments not needed	264.253(c)(2)	264.253(c)(2)	X			

**RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
MONITORING AND INSPECTION						
if leak detection system required under 264.251(c), record amount of liquids removed from each sump, at least weekly during active life and closure period	264.254(c)	264.254(c)	X			
SUBPART N - LANDFILLS						
DESIGN AND OPERATING REQUIREMENTS						
completely revise paragraph; landfills that must install two or more liners and a leachate collection and removal system above and between such liners; "construction commences" defined under "existing facility"	264.301(c)	264.301(c)	X			
the liner system must include:	264.301(c)(1)(i)	264.301(c)(1)(i)	X			
top liner designed and constructed to prevent migration of hazardous constituents into liner for specified period	264.301(c)(1)(i)(A)	264.301(c)(1)(i)(A)	X			
composite bottom liner consisting of at least two components; upper component to prevent migration of hazardous constituents into this component during specified period; lower component designed and constructed to minimize such migration if upper component is breached; specified thickness and hydraulic conductivity	264.301(c)(1)(i)(B)	264.301(c)(1)(i)(B)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
liners must comply with 264.301(a)(1)(i)-(iii)	264.301(c)(1)(ii)	264.301(c)(1)(ii)	X			
6 leachate collection and removal system must collect and remove leachate from the landfill during the active life and post-closure care period; Regional Administrator to specify permit conditions to ensure leachate depth over liner does not exceed 30 cm (1 ft); leachate collection and removal system must comply with 264.301(c)(3)(iii)&(iv)	264.301(c)(2)	264.301(c)(2)	X			
relationship between leachate collection and removal system and the leak detection system; what the leak detection system must be capable of; minimum requirements:	264.301(c)(3)	264.301(c)(3)	X			
bottom slope of 1 percent or more	264.301(c)(3)(i)	264.301(c)(3)(i)	X			
constructed of: 1) granular drainage materials with hydraulic conductivity of 1×10^{-2} cm/sec or more, and 12 in. (30.5 cm) or more thickness; or 2) synthetic or geonet drainage materials with 3×10^{-6} m ² /sec or more transmissivity	264.301(c)(3)(ii)	264.301(c)(3)(ii)	X			
construction material specifications	264.301(c)(3)(iii)	264.301(c)(3)(iii)	X			
designed/operated to minimize clogging during active life and post-closure care period	264.301(c)(3)(iv)	264.301(c)(3)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
specifications for sumps and liquid removal methods	264.301(c)(3)(v)	264.301(c)(3)(v)	X			
collect and remove pumpable liquids in leak detection system sumps to minimize head on the bottom liner	264.301(c)(4)	264.301(c)(4)	X			
what must be demonstrated if leak detection system not located completely above seasonal high water table	264.301(c)(5)	264.301(c)(5)	X			
completely revise paragraph; Regional Administrator may approve alternate design or operating practices if owner/operator can demonstrate that design/practices will:	264.301(d)	264.301(d)	X			
prevent hazardous constituent migration into ground or surface water as effectively as system specified in 264.301(c), and	264.301(d)(1)	264.301(d)(1)	X			
allow detection of hazardous constituent leaks through top liner at least as effectively	264.301(d)(2)	264.301(d)(2)	X			
redesignate old paragraph 264.301(f) as 264.301(g); add new paragraph addressing when a replacement landfill owner/operator is exempt from 264.301(c)	264.301(f)	264.301(f)	X			
meets RCRA 3004(o)(1)(A)(i) and (o)(5) design standards	264.301(f)(1)	264.301(f)(1)	X			
no reason to believe liner is not functioning as designed	264.301(f)(2)	264.301(f)(2)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
old 264.301(f)-(k) become new 264.301(g)-(l)	264.301(g)-(l)	264.301(g)-(l)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
ACTION LEAKAGE RATE						
7 Regional Administrator approval of action leakage rate for landfill units subject to 264.301(c) or (d); definition of action leakage rate; adequate safety margin	264.302(a)	264.302(a)	X			
how to determine if action leakage rate has been exceeded; unless another calculation approved, average daily flow rate calculated weekly, during active and closure period	264.302(b)	264.302(b)	X			
MONITORING AND INSPECTION						
if leak detection system required 264.301(c) or (d), record amount of liquids removed from each sump at least weekly during the active life and closure period	264.303(c)(1)	264.303(c)(1)	X			
after final cover installed, at least monthly record the amount of liquids removed from each leak detection sump; when quarterly and semi-annual recording allowed; when monthly recording must resume	264.303(c)(2)	264.303(c)(2)	X			
definition of "pump operating level"	264.303(c)(3)	264.303(c)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
RESPONSE ACTIONS						
approved response action plan before receipt of waste for landfills subject to 264.301(c) or (d); address actions if action leakage rate exceeded; at a minimum, plan must describe actions in 264.304(b)	264.304(a)	264.304(a)	X			
responsibilities if flow rate into leak detection system exceeds the section leakage rate for any sump	264.304(b)	264.304(b)	X			
notify Regional Administrator in writing within seven days of determination	264.304(b)(1)	264.304(b)(1)	X			
preliminary assessment to Regional Administrator within 14 days of determination; what assessment must address	264.304(b)(2)	264.304(b)(2)	X			
determine location, size and cause of any leak	264.304(b)(3)	264.304(b)(3)	X			
determine if 1) waste receipt should cease or be curtailed, 2) waste should be removed for inspection, repairs, or controls, and 3) unit should be closed	264.304(b)(4)	264.304(b)(4)	X			
determine short- and longer-term actions to mitigate or stop any leaks	264.304(b)(5)	264.304(b)(5)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
within 30 days after Regional Administrator notification, submit the results of 264.304(b)(3)-(5) analyses, the results of actions taken and actions planned; thereafter, as long as flow rate exceeds action leakage rate, monthly report to Regional Administrator summarizing results of remedial actions taken and actions planned	264.304(b)(6)	264.304(b)(6)	X			
how the 264.304(b)(3)-(5) determinations must be made	264.304(c)	264.304(c)	X			
assess the source of liquids and amounts by source	264.304(c)(1)(i)	264.304(c)(1)(i)	X			
conduct analyses of liquids in leak detection system to identify sources of liquids and location of leaks, and the hazard and mobility of the liquid	264.304(c)(1)(ii)	264.304(c)(1)(ii)	X			
assess seriousness of leaks	264.304(c)(1)(iii)	264.304(c)(1)(iii)	X			
document why assessments not needed	264.304(c)(2)	264.304(c)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
CLOSURE AND POST-CLOSURE CARE						
redesignate old 264.310(b)(3) as 264.310(b)(4); add new paragraph addressing maintaining and monitoring leak detection system according to 264.301(c)(3)(iv)&(4) and 264.303(c); comply with other applicable Part 264 leak detection requirements	264.310(b)(3)	264.310(b)(3)	X			
old 264.310(b)(3)-(5) become 264.310(b)(4)-(6)	264.310(b)(4)-(6)	264.310(b)(4)-(6)	X			
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						
insert "265.260, 265.278, 265.304"	265.15(b)(4)	265.15(b)(4)	X			
CONSTRUCTION QUALITY ASSURANCE PROGRAM						
1 CQA program	265.19(a)	265.19(a)	X			
required for all surface impoundment, waste pile and landfill units that must comply with 265.221(a), 265.254 and 265.301(a); program must ensure constructed unit meets or exceeds all permit design criteria and specifications; program must be developed and implemented under a CQA officer who is a registered professional engineer	265.19(a)(1)	265.19(a)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN GENT	BROADER IN SCOPE
the physical components the CQA program must address	265.19(a)(2)	265.19(a)(2)	X			
	265.19(a)(2)(i)	265.19(a)(2)(i)	X			
	265.19(a)(2)(ii)	265.19(a)(2)(ii)	X			
	265.19(a)(2)(iii)	265.19(a)(2)(iii)	X			
	265.19(a)(2)(iv)	265.19(a)(2)(iv)	X			
	265.19(a)(2)(v)	265.19(a)(2)(v)	X			
	265.19(a)(2)(vi)	265.19(a)(2)(vi)	X			
before construction begins, owner/operator must develop a written CQA plan; identify steps that will be used to monitor and document the quality of materials and condition and manner of their installation; the CQA plan must include:	265.19(b)	265.19(b)	X			
identification of applicable units and how they will be constructed	265.19(b)(1)	265.19(b)(1)	X			
identification of key CQA plan development and implementation personnel; CQA officer qualifications	265.19(b)(2)	265.19(b)(2)	X			
inspection and sampling activities' description; what must be described	265.19(b)(3)	265.19(b)(3)	X			
contents of program	265.19(c)	265.19(c)	X			
must include observations, inspections, tests, and measurements sufficient to ensure:	265.19(c)(1)	265.19(c)(1)	X			
structural stability and integrity of 265.19(a)(2) units	265.19(c)(1)(i)	265.19(c)(1)(i)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
proper construction according to permit specifications and good engineering practices, and proper installation according to design specifications	265.19(c)(1)(ii)	265.19(c)(1)(ii)	X			
material conformity with design and other material specifications under 264.221, 264.251, and 264.301	265.19(c)(1)(iii)	265.19(c)(1)(iii)	X			
test fills for compacted soils liners, using full scale compaction methods to ensure liners are constructed to meet specific hydraulic conductivity requirements; compliance verified by in-situ testing on constructed test fill; conditions under which test fill requirement may be waived	265.19(c)(2)	265.19(c)(2)	X			
certification to Regional Administrator at least 30 days before receiving waste; signed by CQA officer stating that CQA plan has been successfully carried out and that the unit meets specific requirements; may receive wastes in unit after 30 days from the Regional Administrator's receipt of the CQA, unless Regional Administrator determines in writing that construction is not acceptable or extends review period for 30 days or seeks additional information; CQA documentation	265.19(d)	265.19(d)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING AND REPORTING

OPERATING RECORD

replace "when required by" with ", and corrective action where required by subpart F and"; insert "265.19" before "265.90"; insert "265.222, 265.223, 265.226, 265.255, 265.259, 265.260" after "265.195" and "265.302 - 265.304" after "265.280(d)(1)"	265.73(b)(6)	265.73(b)(6)	X			
---	--------------	--------------	---	--	--	--

SUBPART K - SURFACE IMPOUNDMENTS

DESIGN AND OPERATING REQUIREMENTS

completely revise paragraph; surface impoundment units that must install two or more liners and a leachate collection and removal system between such liners and operate leachate collection and removal systems in accordance with 264.221(c), "construction commences" defined under "existing facility"	265.221(a)	265.221(a)	X			
revise paragraph; when a replacement surface impoundment unit is exempt from 265.221(a):	265.221(c)	265.221(c)	X			
constructed in compliance with RCRA 3004(o)(1)(A)(i) and (o)(5) design standards	265.221(c)(1)		X			
no reason to believe liner is not functioning as designed	265.221(c)(2)	265.221(c)(2)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
redesignate old paragraph 265.222(a) as 265.221(f)	265.221(f)	265.221(f)	X			
redesignate old paragraph 265.222(b) as 265.221(g)	265.221(g)	265.221(g)	X			
ACTION LEAKAGE RATE						
redesignate old 265.222(a) as 265.221(f); add new paragraph addressing proposed action leakage rate to Regional Administrator when submitting 265.221(b) notice; within 60 days of receipt, Regional Administrator will establish action leakage rate or extend review period; when the proposed rate will be approved	265.222(a)	265.222(a)	X			
redesignate old 265.222(b) as 265.221(g); add new paragraph addressing Regional Administrator approval of action leakage rate for 265.221(a) units; definition of action leakage rate; adequate safety margin	265.222(b)	265.222(b)	X			
how to determine if action leakage rate has been exceeded; unless another calculation approved, average daily flow rate calculated weekly during active life and closure period, and monthly during post-closure care period	265.222(c)	265.222(c)	X			
RESPONSE ACTIONS						

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
if unit subject to 265.221(a), then must submit a response action plan to the Regional Administrator when submitting 265.222 proposed action leakage rate; must set forth actions to be taken if action leakage rate is exceeded; content as specified in 265.223(b)	265.223(a)	265.223(a)	X			
responsibilities if flow rate into leak detection system exceeds the action leakage rate for any sump:	265.223(b)	265.223(b)	X			
notify Regional Administrator in writing within seven days of determination	265.223(b)(1)	265.223(b)(1)	X			
preliminary assessment to Regional Administrator within 14 days of determination; what assessment must address	265.223(b)(2)	265.223(b)(2)	X			
determine location, size and cause of any leak	265.223(b)(3)	265.223(b)(3)	X			
determine whether 1) waste receipt should cease or be curtailed, 2) waste should be removed for inspection, repairs, or controls, and 3) unit should be closed	265.223(b)(4)	265.223(b)(4)	X			
determine short- and longer-term actions to mitigate or stop any leaks	265.223(b)(5)	265.223(b)(5)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
within 30 days after Regional Administrator notification, submit the results of 265.223(b)(3)-(5) analyses, the results of actions taken, and actions planned; thereafter, as long as flow rate exceeds action leakage rate, monthly report to Regional Administrator summarizing results of remedial actions taken and actions planned	265.223(b)(6)	265.223(b)(6)	X			
how the 265.223(b)(3), (4) & (5) determinations must be made	265.223(c)	265.223(c)	X			
assess the source of liquids and amounts by source	265.223(c)(1)(i)	265.223(c)(1)(i)	X			
conduct analyses of liquids in leak detection system to identify sources of liquids and location of leaks, and the hazard and mobility of the liquid	265.223(c)(1)(ii)	265.223(c)(1)(ii)	X			
assess seriousness of leaks	265.223(c)(1)(iii)	265.223(c)(1)(iii)	X			
document why assessments not needed	265.223(c)(2)	265.223(c)(2)	X			
MONITORING AND INSPECTION						
if leak detection system required under 265.221(a), record amount of liquid removed from each sump, at least weekly during active life and closure period	265.226(b)(1)	265.226(b)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN GENT	BROADER IN SCOPE
after final cover installed, record amount of liquids at least monthly; when quarterly and semi-annual recording allowed; when monthly recording must resume	265.226(b)(2)	265.226(b)(2)	X			
"pump operating level" defined	265.226(b)(3)	265.226(b)(3)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
CLOSURE AND POST-CLOSURE CARE						
redesignate old 265.228(b)(2) as 265.228(b)(3); add new paragraph regarding maintaining and monitoring the leak detection system in accordance with 265.221(c)(2)(iv) and (3) and 265.226(b) and comply with other applicable Part 265 leak detection system requirements	265.228(b)(2)	265.228(b)(2)	X			
redesignated 265.228(b)(2) becomes new 265.228(b)(3)	265.228(b)(3)	265.228(b)(3)	X			
redesignated 265.228(b)(3) becomes new 265.228(b)(4)	265.228(b)(4)	265.228(b)(4)	X			
SUBPART L - WASTE PILES						
DESIGN AND OPERATING REQUIREMENTS						
completely revise section; waste piles which must install two or more liners and a leachate collection and removal system in accordance with 264.251(c) unless exempt under 264.251(d), (e) or (f); compliance with 265.221(b) procedures; "construction commences" defined under "existing facility"	265.254	265.254	X			
ACTION LEAKAGE RATES						

US EPA ARCHIVE DOCUMENT

S

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN GENT	BROADER IN SCOPE
proposed action leakage rate to Regional Administrator when submitting 265.254 notice; within 60 days of receipt, Regional Administrator will establish action leakage rate or extend review period; when the proposed rate will be approved	265.255(a)	265.255(a)	X			
8 Regional Administrator approval of action leakage rate for 265.254 units; definition of action leakage rate; adequate safety margin	265.255(b)	265.255(b)	X			
how to determine if action leakage rate has been exceeded; unless another calculation approved, average daily flow rate calculated weekly during active life and closure period	265.255(c)	265.255(c)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
RESPONSE ACTIONS						
if unit subject to 265.254, then must submit a response action plan to the Regional Administrator when submitting 265.255 proposed action leakage rate; must set forth actions to be taken if action leakage rate is exceeded; content as specified in 265.259(b)	265.259.(a)	265.259.(a)	X			
responsibilities if flow rate into leak detection system exceeds the action leakage rate for any sump:	265.259(b)	265.259(b)	X			
notify Regional Administrator in writing within seven days of determination	265.259(b)(1)	265.259(b)(1)	X			
preliminary assessment to Regional Administrator within 14 days of determination; what assessment must address	265.259(b)(2)	265.259(b)(2)	X			
determine location, size and cause of any leak	265.259(b)(3)	265.259(b)(3)	X			
determine whether 1) waste receipt should cease or be curtailed, 2) waste should be removed for inspection, repairs, or controls, and 3) unit should be closed	265.259(b)(4)	265.259(b)(4)	X			
determine short- and longer-term actions to mitigate or stop any leaks	265.259(b)(5)	265.259(b)(5)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
within 30 days after Regional Administrator notification, submit the results of 265.259(b)(3)-(5) analyses, the results of actions taken and actions planned thereafter, as long as flow rate exceeds action leakage rate, monthly report to Regional Administrator summarizing results of remedial actions taken and actions planned	265.259(b)(6)	265.259(b)(6)	X			
how the 265.259(b)(3),(4) & (5) determinations must be made:	265.259(c)	265.259(c)	X			
assess the source of liquids and amounts by source	265.259(c)(1)(i)	265.259(c)(1)(i)	X			
conduct analyses of liquids in leak detection system to identify sources of liquids and location of leaks, and the hazard and mobility of the liquid	265.259(c)(1)(ii)	265.259(c)(1)(ii)	X			
assess seriousness of leaks	265.259(c)(1)(iii)	265.259(c)(1)(iii)	X			
document why assessments not needed	265.259(c)(2)	265.259(c)(2)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
MONITORING AND INSPECTION						
if leak detection system required under 265.254, record amount of liquids removed from each sump, at least weekly during active life and closure period	265.269	265.269	X			
SUBPART N -- LANDFILLS						
DESIGN AND OPERATING REQUIREMENTS						
completely revise paragraph; landfills which must install two or more liners and a leachate collection and removal system above and between such liners, and operate in accordance with 264.301(d), (e) or (f); "construction commences" defined under "existing facility"	265.301(a)	265.301(a)	X			
revise paragraph; when a landfill owner/operator is exempt from 265.301(a)	265.301(c)	265.301(c)	X			
meets RCRA 3004(o)(1)(A)(i) and (o)(5) design standards	265.301(c)(1)	265.301(c)(1)	X			
no reason to believe liner is not functioning as designed	265.301(c)(2)	265.301(c)(2)	X			
redesignated 265.302(a), (b), (c) & (d) became new 265.301(f), (g), (h) and (i)	265.301(f)-(i)	265.301(f)-(i)	X			
ACTION LEAKAGE RATE						

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
redesignate old 265.302(a) as 265.301(f); add new paragraph addressing proposed action leakage rate to Regional Administrator when submitting 265.301(b) notice; within 60 days of receipt Regional Administrator will establish action leakage rate or extend the review period; when the proposed rate will be approved	265.302(a)	265.302(a)	X			
redesignate old 265.302(b) as 254.301(g); add new paragraph addressing Regional Administrator approval of action leakage rate for 265.301(a) units; definition of action leakage rates; adequate safety margin	265.302(b)	265.302(b)	X			
redesignate old 265.302(c) as 265.301(h); add new paragraph addressing how to determine if action leakage rate has been exceeded; unless another calculation approved, average daily flow rate calculated weekly during active life and closure period, and monthly during post-closure care period	265.302(c)	265.302(c)	X			
old 265.302(d) becomes 265.301(i)	265.302(d)	265.302(d)	X			
RESPONSE ACTIONS						

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if unit subject to 265.301(a), then must submit a response action plan to the Regional Administrator when submitting 265.302 proposed action leakage rate; must set forth actions to be taken if action leakage rate is exceeded; content as specified in 265.303(b)	265.303(a)	265.303(a)	X			
responsibilities if flow rate into leak detection system exceeds the action leakage rate for any sump:	265.303(b)	265.303(b)	X			
notify Regional Administrator in writing within seven days of determination	265.303(b)(1)	265.303(b)(1)	X			
preliminary assessment to Regional Administrator within 14 days of determination; what assessment must address	265.303(b)(2)	265.303(b)(2)	X			
determine location, size and cause of any leak	265.303(b)(3)	265.303(b)(3)	X			
determine whether 1) waste receipt should cease or be curtailed, 2) waste should be removed for inspection, repairs, or controls, and 3) unit should be closed	265.303(b)(4)	265.303(b)(4)	X			
determine short- and longer-term actions to mitigate or stop any leaks	265.303(b)(5)	265.303(b)(5)	X			

**RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
within 30 days after Regional Administrator notification, submit the results of 265.303(b)(3)-(5) analyses, the results of actions taken and actions planned; thereafter, as long as flow rate exceeds action leakage rate, monthly report to Regional Administrator summarizing results of remedial actions taken and actions planned	265.303(b)(6)	265.303(b)(6)	X			
how the 265.303(b)(3), (4) & (5) determinations must be made:	265.303(c)	265.303(c)	X			
assess the source of liquids and amounts by source	265.303(c)(1)(i)	265.303(c)(1)(i)	X			
conduct analyses of liquids in leak detection system to identify sources of liquids and location of leaks, and the hazard and mobility of the liquid	265.303(c)(1)(ii)	265.303(c)(1)(ii)	X			
assess seriousness of leaks	265.303(c)(1)(iii)	265.303(c)(1)(iii)	X			
document why assessments not needed	265.303(c)(2)	265.303(c)(2)	X			
MONITORING AND INSPECTION						
if leak detection system required under 265.301(a), record amount of liquids removed from each sump, at least weekly during active life and closure period	265.304(a)	265.304(a)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
after final cover installed, record amount of liquid at least monthly; when quarterly and semiannual recording allowed; when monthly recording must resume	265.304(b)	265.304(b)	X			
definition of "pump operating level"	265.304(c)	265.304(c)	X			
CLOSURE AND POST-CLOSURE CARE						
redesignate old 265.310(b)(2) as 265.310(b)(3); add new paragraph addressing maintaining and monitoring the leak detection system in accordance with 264.301(c)(3)(iv) & (4), and 265.304(b); comply with other applicable Part 265 leak detection system requirements	265.310(b)(2)	265.310(b)(2)	X			
redesignated 265.310(b)(2), (3) & (4) become 265.310(b)(3), (4) & (5)	265.310(b)(3)-(5)	265.310(b)(3)-(5)	X			
PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE PERMIT PROGRAM						
SUBPART GENERAL INFORMATION						
EFFECT OF A PERMIT						

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
paragraph is reorganized so that requirements not included in a permit are subparagraphs (a)(1)&(2); add a third subparagraph addressing Part 264 requirements regarding leak detection systems for new and replacement surface impoundments, waste piles, landfills and lateral expansion of such units; what the leak detection system requirements include	270.4(a)	122.4(a)	X			
	270.4(a)(1)	122.4(a)(1)	X			
	270.4(a)(2)	122.4(a)(2)	X			
	270.4(a)(3)	122.4(a)(3)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(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 B - PERMIT APPLICATION						
SPECIFIC PART B INFORMATION REQUIREMENTS FOR SURFACE IMPOUNDMENTS						
remove "or will be" after "impoundment is" and insert "and is or will be" after "designed"; insert "264.19," "264.222," and "264.223 of this chapter"; replace the last sentence with the following clause: ", addressing the following items:"	270.17(b)	122.17(b)	X			
redesignate old 270.17(b)(2) as 270.17(b)(6); add new paragraph addressing double liner and leak (leachate) detection, collection and removal system if unit must meet 264.221(c) requirements; submission if seeking 264.221(d), (e) or (f) exemption	270.17(b)(2)	122.17(b)(2)	X			
redesignate old 270.17(b)(3) as 270.17(b)(7); add new paragraph addressing information required if surface impoundment is located in a saturated zone	270.17(b)(3)	122.17(b)(3)	X			
construction quality assurance plan, if required	270.17(b)(4)	122.17(b)(4)	X			
proposed action leakage rate with rationale and response action plan if required	270.17(b)(5)	122.17(b)(5)	X			
redesignated 270.17(b)(2)&(3) became new 270.17(b)(6)&(7)	270.17(b)(6)&(7)	122.17(b)(6)&(7)	X			

**RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
replace "liner and" with "double liner system, leak detection system"; replace " § 264.226(a) and (b)" with " § 264.226(a), (b) and (d) of this chapter"	270.17(c)	122.17(c)	X			
SPECIFIC PART B INFORMATION REQUIREMENTS FOR WASTE PILES						
insert "waste" before "pile"; remove "or will be" after pile is"; insert "and is or will be" after "designed"; insert "264.19" "264.252" and "264.253 of this chapter"; replace last sentence with following clause: "addressing the following items:"	270.18(c)	122.18(c)	X			
redesignate old 270.18(c)(1) as 270.18(c)(1)(i); after parenthetical clause addressing existing portion, insert "if the waste pile must meet the requirements of § 264.251(a) of this chapter"; replace " § 264.252(b), the owner or operator must submit" with " § 264.251(b) of this chapter, submit"	270.18(c)(1)(i)	122.18(c)(1)(i)	X			
double liner and leak (leachate) detection, collection, and removal system if must meet 264.251(c) requirements; submission if seeking a 264.251(d), (e) or (f) exemption	270.18(c)(1)(ii)	122.18(c)(1)(ii)	X			
information required if leak detection system is located in a saturated zone	270.18(c)(1)(iii)	122.18(c)(1)(iii)	X			

**RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
construction quality assurance plan if required	270.18(c)(1)(iv)	122.18(c)(1)(iv)	X			
proposed action leakage rate with rationale and response action plan if required	270.18(c)(1)(v)	122.18(c)(1)(v)	X			
replace "liner" with "double liner system, leachate collection and removal system, leak detection system, cover system"; replace "264.254(a) and (b)" with "264.254(a), (b) and (c) of this chapter"	270.18(d)	122.18(d)	X			
SPECIFIC PART B INFORMATION REQUIREMENTS FOR LANDFILLS						
remove "or will be" after "landfill is" and insert "and is or will be" after "designed"; insert "264.19" and "264.302 and 264.303 of this chapter"; replace the last sentence with the following clause: ", addressing the following items:"	270.21(b)	122.21(b)	X			
redesignate old 270.21(b)(1) as 270.21(b)(1)(i); remove "and leachate collection and removal system"; add "if the landfill must meet the requirements of §264.301(a) of this chapter" to first sentence; add "of this chapter" after "264.301(b)"; after "alternate" change "design" to "designs"; after "any hazardous" change "constituent" to "constituents"	270.21(b)(1)(i)	122.21(b)(1)(i)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for
Hazardous Waste Land Disposal Units(cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN GENT	BROADER IN SCOPE
double liner and leak (leachate) detection, collection, and removal system if must meet 264.301(c) requirements; submission if seeking exemption under 264.301(d), (e) or (f)	270.21(b)(1)(ii)	122.21(b)(1)(ii)	X			
information required if leak detection system located in a saturation zone	270.21(b)(1)(iii)	122.21(b)(1)(iii)	X			
construction quality assurance plan if required	270.21(b)(1)(iv)	122.21(b)(1)(iv)	X			
proposed action leakage rate, with rationale and response action plan if required	270.21(b)(1)(v)	122.21(b)(1)(v)	X			
9 remove "liner and" and insert "double liner system, leachate collection and removal system,"; after "cover system" insert "and appurtenances for control or run-on and run-off,"; replace "264.303(a) and (b)" with "264.303(a), (b), and (c) of this chapter"; in last sentence, replace "should" with "must"	270.21(d)	122.21(d)	X			

RCRA REVISION CHECKLIST 100: Liners and Leak Detection Systems for Hazardous Waste Land Disposal Units(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 D - CHANGES TO PERMIT						
PERMIT MODIFICATION AT THE REQUEST OF THE PERMITTEE						
add the "7. a. & b." entries under "B. General Facility Standards"; add the "6., and 7. a., b. & c." entries under "H. Surface Impoundments"; add the entries "7., and 8. a., b. & c." entries under "J. Landfills and Unenclosed Waste 270.42/Piles"	270.42/Appendix I	122.42/ Appendix I	X			

- 1 This section is considered to be both a HSWA and a Non-HSWA provision. It is Non-HSWA only to the extent that it applies to the final cover requirements for the Construction Quality Assurance Program.
- 2 Note that there is a typographical error in the Federal Register; "COA" should be "CQA."
- 3 Note that there is a technical error in the Federal Register; "1x10⁻⁷/cm/sec" should be "1x10⁻⁷cm/sec."
- 4 Note that there are two technical errors in the Federal Register; "1x10⁻¹/cm/sec" should be "1x10⁻¹cm/sec" and 3x10⁻⁴/m²sec" should be 3x10⁻⁴m²/sec."
- 5 Note that there is a typographical error in the Federal Register; "surface impoundment" should be "waste pile."
- 6 Note that there is a technical error in the Federal Register; "paragraphs (3)(c)(iii) and (iv)" should be "paragraphs (c)(3)(iii) and (iv)."
- 7 Note that there is a typographical error in the Federal Register; "surface impoundment" should be "landfill."
- 8 Note that there is a typographical error in the Federal Register; "surface impoundment" should be "waste pile."
- 9 Note that in the Federal Register this section is incorrectly designated as 270.21(c).

RCRA REVISION CHECKLIST 121

Corrective Action Management Units and Temporary Units
 58 FR 8658-8685
 February 16, 1993
 (RCRA Cluster III, HSWA provisions)

Note: The final rule addressed by this checklist reduces the regulatory requirements for certain types of waste management conducted during correction action; thus authorized States are not required to adopt the changes addressed by this rule. As such, this checklist is designated as optional. However, EPA strongly encourages States to adopt the checklist as soon as possible in order to expedite hazardous waste remediation at RCRA corrective action facilities.

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

PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B - DEFINITIONS

† DEFINITIONS

add "corrective action management unit"	260.10 "corrective action management unit"	260.10	X			
add sentence excluding a corrective action management unit into which remediation wastes are placed from definition	260.10 "disposal facility"	260.10	X			
designate existing definition as "(1)"; add second definition numbered "(2)" for the purpose of implementing correction action under 264.101	260.10 "facility"	260.10	X			
replace "or a cave" with "a cave, or a corrective action management unit"	260.10 "landfill"	260.10	X			
add "corrective action management unit," after "containment building, "	260.10 "miscellaneous unit"	260.10	X			
add "remediation waste"	260.10 "remediation waste"	260.10	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 121: Corrective Action Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART A - GENERAL

† RELATIONSHIP TO INTERIM STATUS STANDARDS

1 add ", except as provided under 40 CFR part 264 subpart S" at end of paragraph	264.3	264.3	X				
--	-------	-------	---	--	--	--	--

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

† CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

add "in accordance with this section and subpart S of this part" after "in the permit"	264.101(b)	264.101(b)	X				
--	------------	------------	---	--	--	--	--

SUBPART S - CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

† CORRECTIVE ACTION MANAGEMENT UNITS (CAMU)

Regional Administrator may designate one or more areas at a facility as CAMUs for purpose of implementing remedies under 264.101 or RCRA 3008(h)	264.552(a)	264.552(a)	X				
placement of remediation wastes in CAMU does not constitute land disposal	264.552(a)(1)	264.552(a)(1)	X				
consolidation or placement of remediation wastes in CAMU does not constitute creation of a unit subject to minimum technology requirements	264.552(a)(2)	264.552(a)(2)	X				

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Regional Administrator may designate a regulated unit as a CAMU or include a regulated unit in a CAMU; criteria	264.552(b)(1)	264.552(b)(1)	X			
	264.552(b)(1)(i)	264.552(b)(1)(i)	X			
	264.552(b)(1)(ii)	264.552(b)(1)(ii)	X			
Subparts F, G, and H and unit-specific Parts 264 or 265 requirements that applied to regulated unit continue to apply to that portion of CAMU after incorporation	264.552(b)(2)	264.552(b)(2)	X			
criteria by which Regional Administrator shall designate CAMU:	264.552(c)	264.552(c)	X			
CAMU shall facilitate implementation of reliable, effective, protective, and cost-effective remedies	264.552(c)(1)	264.552(c)(1)	X			
associated waste management activities shall not create unacceptable risks to humans or the environment	264.552(c)(2)	264.552(c)(2)	X			
CAMU shall include uncontaminated areas only if including such areas for purpose of managing remediation waste is more protective than managing such wastes at contaminated areas	264.552(c)(3)	264.552(c)(3)	X			

RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOGIS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
CAMU areas where waste will remain after closure shall be managed and contained to minimize future releases, to the extent practicable	264.552(c)(4)	264.552(c)(4)	X			
CAMU shall expedite remedial activity implementation when appropriate and practical	264.552(c)(5)	264.552(c)(5)	X			
CAMU shall enable use of treatment technologies, when appropriate, to enhance long-term effectiveness of remedial actions	264.552(c)(6)	264.552(c)(6)	X			
CAMU shall, to the extent practicable, minimize land area where wastes will remain after closure	264.552(c)(7)	264.552(c)(7)	X			
owner/operator shall provide sufficient information to enable Regional Administrator to designate CAMU in accordance with 264.552	264.552(d)	264.552(d)	X			
Regional Administrator shall specify CAMU requirements in permit or order, including:	264.552(e)	264.552(e)	X			
areal configuration of CAMU	264.552(e)(1)	264.552(e)(1)	X			

RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
requirements for remediation waste management, including applicable design, operation and closure requirements	264.552(e)(2)	264.552(e)(2)	X			
requirements for ground water monitoring sufficient to:	264.552(e)(3)	264.552(e)(3)	X			
continue to detect and characterize existing releases from sources within CAMU	264.552(e)(3)(i)	264.552(e)(3)(i)	X			
detect and characterize releases from areas of the CAMU in which wastes will remain after closure	264.552(e)(3)(ii)	264.552(e)(3)(ii)	X			
closure and post-closure requirements:	264.552(e)(4)	264.552(e)(4)	X			
CAMU closure shall:	264.552(e)(4)(i)	264.552(e)(4)(i)	X			
minimize need for further maintenance	264.552(e)(4)(i)(A)	264.552(e)(4)(i)(A)	X			
control, minimize, or eliminate post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated runoff, or hazardous waste decomposition products to ground, surface waters, or atmosphere	264.552(e)(4)(i)(B)	264.552(e)(4)(i)(B)	X			
requirements for closure of CAMU shall include, as appropriate and deemed necessary by the Regional Administrator:	264.552(e)(4)(ii)	264.552(e)(4)(ii)	X			

**RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
excavation, removal, treatment or containment of wastes	264.552(e)(4)(ii)(A)	264.552(e)(4)(ii)(A)	X			
capping of areas in which wastes will remain after CAMU closure	264.552(e)(4)(ii)(B)	264.552(e)(4)(ii)(B)	X			
removal and decontamination of equipment, devices, and structures used in remediation waste management activities within CAMU	264.552(e)(4)(ii)(C)	264.552(e)(4)(ii)(C)	X			
in establishing specific 264.552(e) closure requirements, Regional Administrator shall consider:	264.552(e)(4)(iii)	264.552(e)(4)(iii)	X			
CAMU characteristics	264.552(e)(4)(iii)(A)	264.552(e)(4)(iii)(A)	X			
volume of wastes which remain in place after closure	264.552(e)(4)(iii)(B)	264.552(e)(4)(iii)(B)	X			
potential for releases from CAMU	264.552(e)(4)(iii)(C)	264.552(e)(4)(iii)(C)	X			
physical and chemical characteristics of the waste	264.552(e)(4)(iii)(D)	264.552(e)(4)(iii)(D)	X			
2 hydrogeological and other relevant environmental conditions which may influence migration of potential or actual releases	264.552(e)(4)(iii)(E)	264.552(e)(4)(iii)(E)	X			
potential for exposure of human and environmental receptors if releases occur	264.552(e)(4)(iii)(F)	264.552(e)(4)(iii)(F)	X			

RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN-SCOPE
post-closure requirements as necessary to protect human health and the environment; for areas where wastes will remain, monitoring and maintenance activities and frequency	264.552(e)(4)(iv)	264.552(e)(4)(iv)	X			
Regional Administrator shall document rationale for CAMU designation; make documentation available to public	264.552(f)	264.552(f)	X			
incorporation of CAMU into existing permit approved by Regional Administrator under 270.41 or 270.42 procedures	264.552(g)	264.552(g)	X			
CAMU designation does not change EPA's existing authority to address clean-up levels, media-specific points of compliance, or other remedy selection decisions	264.552(h)	264.552(h)	X			

† TEMPORARY UNITS (TU)

Regional Administrator may determine alternative design, operating, or closure standards for temporary tanks and container storage areas for treatment or storage of hazardous remediation wastes under 264.101 or RCRA 3008(h); must protect human health and environment	264.553(a)	264.553(a)	X			
--	------------	------------	---	--	--	--

**RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
temporary unit to which alternative requirements are applied shall be:	264.553(b)	264.553(b)	X			
located within facility boundary	264.553(b)(1)	264.553(b)(1)	X			
used only for treatment or storage of remediation wastes	264.553(b)(2)	264.553(b)(2)	X			
factors Regional Administrator shall consider in establishing temporary unit standards:	264.553(c)	264.553(c)	X			
length of time unit will be in operation	264.553(c)(1)	264.553(c)(1)	X			
type of unit	264.553(c)(2)	264.553(c)(2)	X			
volumes of wastes to be managed	264.553(c)(3)	264.553(c)(3)	X			
physical and chemical characteristics of wastes to be managed	264.553(c)(4)	264.553(c)(4)	X			
potential for releases from the unit	264.553(c)(5)	264.553(c)(5)	X			
hydrogeological and other relevant environmental conditions which may influence migration of potential releases	264.553(c)(6)	264.553(c)(6)	X			
potential for exposure of humans and environmental receptors if releases occur	264.553(c)(7)	264.553(c)(7)	X			

RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Regional Administrator shall specify in permit or order length of time, up to a year, the temporary unit will be allowed to operate; design, operating, and closure requirements for the unit	264.553(d)	264.553(d)	X			
3 Regional Administrator may extend operational period of temporary unit once for no longer than one year beyond period specified in permit or order. if:	264.553(e)	264.553(e)	X			
continued operation of unit will not threaten human health and environment	264.553(e)(1)	264.553(e)(1)	X			
continued operation of unit is necessary to ensure timely and efficient implementation of remedial actions	264.553(e)(2)	264.553(e)(2)	X			
incorporation of a temporary unit or time extension for temporary unit in an existing permit shall be:	264.553(f)	264.553(f)	X			
approved in accordance with 270.41 permit modification procedures	264.553(f)(1)	264.553(f)(1)	X			
requested by owner/operator as Class II modification in accordance with 270.42	264.553(f)(2)	264.553(f)(2)	X			

RCRA REVISION CHECKLIST 121: Corrective Action Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
Regional Administrator shall document rationale for temporary unit designation; documentation made available to public	264.553(g)	264.553(g)	X			

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

SUBPART A - GENERAL

† PURPOSE, SCOPE, AND APPLICABILITY

add ", and of 40 CFR 264.552 and 40 CFR 264.553," after "standards of this part"	265.1(b)	265.1(b)	X			
--	----------	----------	---	--	--	--

PART 268 - LAND DISPOSAL RESTRICTIONS

SUBPART A - GENERAL

† DEFINITIONS APPLICABLE IN THIS PART

add ", except in a corrective action management unit," after "on the land"	268.2(c)	268.2(c)	X			
--	----------	----------	---	--	--	--

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

SUBPART A - GENERAL INFORMATION

† DEFINITIONS

add "corrective action management unit"	270.2	122.2	X			
add sentence excluding a corrective action management unit into which remediation wastes are placed from definition	270.2 "disposal facility"	122.2	X			

SUBPART D - CHANGES TO PERMIT

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 121: Corrective Action
Management Units and Temporary Units (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
† PERMIT MODIFICATION AT THE REQUEST OF THE PERMITTEE						
add new section N. to table	270.42 Appendix I	122.42 <i>Appendix I</i>	X			

- 1 Note that the comment following 264.3 remains unchanged.
- 2 Note that there is a typographical error in the Federal Register addressed by this Checklist; in 264.552(e)(4)(iii)(E) "Hydrological" should be "Hydrogeological".
- 3 Note that at 264.553(e), "Administrator" should read "Regional Administrator".

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126

Testing and Monitoring Activities

58 FR 46040-46051

August 31, 1993

(RCRA Cluster IV, HSWA/Non-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 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B - DEFINITIONS

REFERENCES

revise reference to "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods" to refer to third edition; add ASTM Method E926-88 to the end of the list of publications incorporated by reference; remove unnumbered paragraph and list of analytical testing methods; remove footnote 1 following the list of publications incorporated by reference	260.11(a)	260.11(a) (See also Checklist 141 for changes to "Test Methods for Solid Waste, Physical/Chemical Methods")	X			
---	-----------	--	---	--	--	--

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (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 C - RULEMAKING PETITIONS

PETITIONS TO AMEND PART 261 TO EXCLUDE A WASTE PRODUCED AT A PARTICULAR FACILITY

add "of this chapter" after "part 261"; replace "appendix III" with reference to "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods"	260.22(d)(1)(i)	<i>Not Adopted</i>			X	
--	-----------------	--------------------	--	--	---	--

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART C - CHARACTERISTICS OF HAZARDOUS WASTE

CHARACTERISTIC OF CORROSIVITY

remove text after "using" and replace with reference to Method 9040 in "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods"	261.22(a)(1)	<i>261.22(a)(1)</i>	X			
after "Test Methods for", replace "the Evaluation of" with "Evaluating"; change "(incorporated by reference, see § 260.11)" to ", as incorporated by reference in 260.11 of this chapter."; remove the rest of the paragraph	261.22(a)(2)	<i>261.22(a)(2)</i>	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
TOXICITY CHARACTERISTIC						
replace "test methods described in appendix II or equivalent methods approved by the Administrator under the procedures set forth in §§ 260.20 and 260.21" with reference to the TCLP in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" as incorporated by reference at 260.11; replace "Appendix II" with "Method 1311"	261.24(a)	261.24(a)	X			
APPENDIX II TO PART 261						
METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)						
replace TCLP with note referencing the TCLP in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"	Appendix II	Part 261 Appendix II	X			
APPENDIX III TO PART 261						
CHEMICAL ANALYSIS TEST METHODS						
replace introductory paragraphs and tables 1, 2, and 3 with note referencing Chapter 2 of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"	Appendix III	Part 261 Appendix III	X			

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (cont'd)

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

APPENDIX X TO PART 261

METHOD OF ANALYSIS FOR CHLORINATED DIBENZO-P-DIOXINS AND -DIBENZOFURANS

remove	Appendix X		X			
--------	------------	--	---	--	--	--

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART J - TANK SYSTEMS

APPLICABILITY

replace "EPA" with "the following test must be used:"; change "Wastes" to "Waste"; add comma after "Physical/ Chemical Methods"; remove parentheses from "(EPA Publication No. SW-846)"; remove "No."; replace "must be used" with ", as incorporated by reference in § 260.11 of this chapter"	264.190(a)	264.190(a)	X			
---	------------	------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (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 N - LANDFILLS

SPECIAL REQUIREMENTS FOR BULK AND CONTAINERIZED LIQUIDS

change "Wastes" to "Waste"; change the period after "Physical/ Chemical Methods" to a comma; remove brackets from "[EPA Publication No. SW-846]"; remove "No."; add ", as incorporated by reference in § 260.11 of this chapter" at end of sentence	264.314(c)	264.314(c)	X			
---	------------	------------	---	--	--	--

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

SUBPART J - TANK SYSTEMS

APPLICABILITY

replace first occurrence of "EPA" with "the following test must be used."; change "Wastes" to "Waste"; add comma after "Physical/ Chemical Methods"; remove parentheses from "(EPA Publication No. SW-846)"; remove "No."; replace "must be used" with ", as incorporated by reference in § 260.11 of this chapter"	265.190(a)	265.190(a)	X			
---	------------	------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (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 N - LANDFILLS

SPECIAL REQUIREMENTS FOR BULK AND CONTAINERIZED LIQUIDS

change "Wastes" to Waste"; after "Physical/Chemical Methods", change the period to a comma; remove brackets from "[EPA Publication No. SW-846]"; remove "No."; add ", as incorporated by reference in § 260.11 of this chapter" at end of sentence	265.314(d)	265.314(d)	X			
--	------------	------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART A - GENERAL						
WASTE ANALYSIS AND RECORDKEEPING						
add comma after first "§ 268.32"; replace "test method described in part 261, appendix II" with reference to the TCLP in "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods"; remove "of this chapter" after "subpart C"; replace "test method described in appendix IX of this part" with reference to the EP toxicity test in "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods"; change "his" to "this" before "waste displays"; remove "of this part" after "§ 268.2"	268.7(a)	<i>See Checklist 137</i>	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

replace "the test method in appendix II of part 261" with "Method 1311, the Toxicity Characteristic Leaching Procedure"; replace "the test method in 40 CFR part 261, appendix II, or the test method in appendix IX of this part" with reference to Methods 1310 and 1311; add sentence, at end of paragraph, regarding Methods 1310 and 1311 in "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods"	268.40(a)	See Checklist 137	X			
---	-----------	-------------------	---	--	--	--

TREATMENT STANDARDS EXPRESSED AS CONCENTRATIONS IN WASTE EXTRACT

replace "the test method in appendix I of this part" with "Method 1311, the Toxicity Characteristic Leaching Procedure,"; add sentence regarding Method 1311 in "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods" at end of paragraph	268.41(a)	See Checklist 137	X			
---	-----------	-------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

APPENDIX I TO PART 268

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP)

replace note regarding TCLP in Appendix II of part 261 with note regarding TCLP in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"	268 Appendix I	<i>Part 268 Appendix I</i>	X			
---	----------------	----------------------------	---	--	--	--

APPENDIX IX TO PART 268

EXTRACTION PROCEDURE (EP) TOXICITY TEST METHOD AND STRUCTURAL INTEGRITY TEST (METHOD 1310)

replace EP Toxicity Test method with note regarding EP in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"	268 Appendix IX	<i>Part 268 Appendix IX</i>	X			
--	-----------------	-----------------------------	---	--	--	--

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

SUBPART A - GENERAL INFORMATION

REFERENCES

replace information on "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" with reference to 260.11	270.6(a)	<i>122.6(a)</i>	X			
--	----------	-----------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (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 B - PERMIT APPLICATION

SPECIFIC PART B INFORMATION REQUIREMENTS FOR INCINERATORS

in the last sentence, change "methods for the evaluation of" to "Methods for Evaluating"; add a comma after "Physical/Chemical Methods"; replace "(incorporated by reference, see § 270.6 and referenced in 40 CFR part 261, appendix III)" with "EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter and § 270.6"	270.19(c)(1)(iii)	122.19(c) (1)(iii)	X			
change "the Evaluation of" to "Evaluating"; add a comma after "Physical/Chemical Methods"; replace "(incorporated by reference, see § 270.6)" with "EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter and § 270.6"	270.19(c)(1)(iv)	122.19(c) (1)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (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 F - SPECIAL FORMS OF PERMITS						
HAZARDOUS WASTE INCINERATOR PERMITS						
in the last sentence, change "the Evaluation of" to "Evaluating"; add a comma after "Physical/Chemical Methods"; replace "(incorporated by reference, see § 270.6)" with "EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter and § 270.6"	270.62(b)(2)(i)(C)	122.62(b) (2)(i)(C)	x			
change "the Evaluation of" to "Evaluating"; replace "(incorporated by reference, see § 270.6)" with "EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter and § 270.6"	270.62(b)(2)(i)(D)	122.62(b) (2)(i)(D)	x			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 126: Testing and Monitoring Activities (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PERMITS FOR BOILERS AND INDUSTRIAL FURNACES BURNING HAZARDOUS WASTE						
in the last sentence, insert "waste" before "analysis"; add opening quotation mark before "Test"; add comma and closing quotation mark after "Physical/ Chemical Methods"; replace "(incorporated by reference, see § 270.6)" with "EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter and § 270.6"	270.66(c)(2)(i)	122.66(c) (2)(i)	X			
add opening quotation mark before "Test Methods"; add comma and closing quotation mark after "Physical/ Chemical Methods"; replace "(incorporated by reference, see § 270.6)" with "EPA Publication SW-846, as incorporated by reference in § 260.11 of this chapter and § 270.6"	270.66(c)(2)(ii)	122.66(c) (2)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 127

Boilers and Industrial Furnaces;
Administrative Stay and Interim Standards for Bevill Residues
58 FR 59598-59603
November 9, 1993
(RCRA Cluster IV, HSWA provisions)

Notes: 1) Although this Revision Checklist is designated as optional, EPA strongly recommends that States adopt the less stringent requirements of this administrative stay because the nonmetal limits affected by the stay are extremely conservative and were based on unintended mistaken assumptions. This rule replaces the current nonmetal limits needed to qualify for the Bevill exemption, as specified in the February 21, 1991 rule (Revision Checklist 85), with the land disposal restriction (LDR) limits for underlying constituents in nonwastewaters pending further administrative action to establish appropriate health-based levels.

2) Note that the administrative stay is conditioned on compliance with the interim LDR exemption values. Noncompliance with those values would mean that the owner or operator of the Bevill device is no longer meeting the conditions of the administrative stay and, therefore, must comply with the comparison test in § 266.112(b)(1), in order to qualify for the exclusion in § 266.112. If the owner or operator meets neither the conditions of the stay nor the comparison test, then the residue would be subject to regulation as hazardous waste. Additionally, the stay does not affect the application of the procedural requirements in 266.112(b)(2) except as outlined in 58 FR 59600, column 3, sections V. A-D.

RCRA REVISION CHECKLIST 127: Boilers and Industrial Furnaces;
Administrative Stay and Interim Standards for Bevill Residues (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES						
SUBPART H - HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES						
REGULATION OF RESIDUES						
t,1 at the end of the paragraph, before "; and", add new text addressing administrative stay for levels specified in appendix VII and default level of 0.002 micrograms/kg or level of detection as identified in Note 1; owner or operator must comply with alternative levels defined as land disposal restriction limits specified in § 268.43 for F039 nonwastewaters; compliance based on good-faith effort to detect constituents; demonstration of good-faith efforts; stay in effect until further administrative action is taken	266.112(b)(2)(i)	266.112(b)(2)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 127: Boilers and Industrial Furnaces;
Administrative Stay and Interim Standards for Bevill Residues (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

APPENDIX VII TO PART 266

HEALTH-BASED LIMITS FOR EXCLUSION OF WASTE-DERIVED RESIDUES

<p>†,1 redesignate "Note" as "Note 1" after tables; add new "Note 2" regarding administrative stay of specified and default levels for constituents specified in § 266.112(b)(1) provided owner or operator complies with alternative levels defined in 266.112(b)(2)(i)</p>	<p>266, Appendix VII, notes</p>	<p>266, Appendix VII, notes</p>	<p>X</p>			
--	---------------------------------	---------------------------------	----------	--	--	--

1 Note the typographical error in the Federal Register: "FO39" should be "F039" (i.e., should be a zero not an upper case "O").

RCRA REVISION CHECKLIST 128

Wastes From the Use of Chlorophenolic Formulations
 in Wood Surface Protection
 59 FR 458-469
 January 4, 1994
 (RCRA Cluster IV, Non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						

SUBPART B - DEFINITIONS

REFERENCES

<p>1 revise the reference to "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" by replacing "[Third Edition (September, 1986), as amended by Update I (July 1992)]" with "(Third Edition (November, 1986), as amended by Updates I, II and IIA)"; in the second sentence, replace "Update I" with "Updates I, II and IIA"; remove the last sentence regarding where copies may be inspected</p>	<p>260.11(a)</p>	<p>SEE CHECKLIST 141</p>	<p>X</p>			
--	------------------	----------------------------------	----------	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 128: Wastes From the Use of Chlorophenolic Formulations in Wood Surface Protection (cont'd)

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

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

add the specified hazardous constituents in alphabetical order as shown below:	Appendix VIII	PART 261, APPENDIX VIII	X			
--	---------------	----------------------------	---	--	--	--

Common Name	Chemical Abstracts name	No.	Chemical abstracts No.	Hazardous waste
Potassium pentachlorophenate	Pentachlorophenol, potassium salt	7778736	None	
Sodium pentachlorophenate	Pentachlorophenol, sodium salt	131522	None	
2,3,4,6-tetrachlorophenol, potassium salt	same		53535276	None
2,3,4,6-tetrachlorophenol, sodium salt	same	25567559	None	

¹ Note the date (November 1986) given in the FR appears to be an error because the date on the third edition of SW-836 is September 1986 as was indicated in the Federal Register (58 FR 46040; August 31, 1993) addressed by Revision Checklist 126.

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 131

Recordkeeping Instructions; Technical Amendment
 59 FR 13891-13893
 March 24, 1994
 (RCRA Cluster IV, Non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

APPENDIX I TO PART 264

RECORDKEEPING INSTRUCTIONS

replace Table 1 to paragraph (2) with the following table:	Appendix I/Table 1	<i>Part 264 Appendix 1/Table 1</i>	X			
--	--------------------	------------------------------------	---	--	--	--

Table 1

Unit of measure	Code ¹
Gallons	G
Gallons per Hour	E
Gallons per Day	U
Liters	L
Liters per Hour	H
Liters per Day	V
Short Tons per Hour	D
Metric Tons per Hour	W
Short Tons per Day	N
Metric Tons per Day	S
Pounds per Hour	J
Kilograms per Hour	R
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-feet	A
Hectares	Q
Hectare-meter	F
Btu's per Hour	I

FOOTNOTE: ¹single digit symbols are used here for data processing purposes.

replace Table 2 to paragraph (3) with the following table:	Appendix I/Table 2	<i>Part 264 Appendix 1/Table 2</i>	X			
--	--------------------	------------------------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
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

Table 2.-Handling Codes for Treatment, Storage and Disposal Methods

Enter the handling code(s) listed below that most closely represents the technique(s) used at the facility to treat, store or dispose of each quantity of hazardous waste received.

1. Storage

S01 Container (barrel, drum, etc.)
 S02 Tank
 S03 Waste Pile
 S04 Surface Impoundment
 S05 Drip Pad
 S06 Containment Building (Storage)
 S99 Other Storage (specify)

2. Treatment

(a) Thermal Treatment--

T06 Liquid injection incinerator
 T07 Rotary kiln incinerator
 T08 Fluidized bed incinerator
 T09 Multiple hearth incinerator
 T10 Infrared furnace incinerator
 T11 Molten salt destructor
 T12 Pyrolysis
 T13 Wet air oxidation
 T14 Calcination
 T15 Microwave discharge
 T18 Other (specify)

(b) Chemical Treatment--

T19 Absorption mound
 T20 Absorption field
 T21 Chemical fixation
 T22 Chemical oxidation
 T23 Chemical precipitation
 T24 Chemical reduction
 T25 Chlorination
 T26 Chlorinolysis
 T27 Cyanide destruction
 T28 Degradation
 T29 Detoxification
 T30 Ion exchange
 T31 Neutralization
 T32 Ozonation
 T33 Photolysis
 T34 Other (specify)

**RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
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

(c) Physical Treatment--

(1) Separation of components:

T35 Centrifugation
T36 Clarification
T37 Coagulation
T38 Decanting
T39 Encapsulation
T40 Filtration
T41 Flocculation
T42 Flotation
T43 Foaming
T44 Sedimentation
T45 Thickening
T46 Ultrafiltration
T47 Other (specify)

(2) Removal of Specific Components:

T48 Absorption-molecular sieve
T49 Activated carbon
T50 Blending
T51 Catalysis
T52 Crystallization
T53 Dialysis
T54 Distillation
T55 Electrodialysis
T56 Electrolysis
T57 Evaporation
T58 High gradient magnetic separation
T59 Leaching
T60 Liquid ion exchange
T61 Liquid-liquid extraction
T62 Reverse osmosis
T63 Solvent recovery
T64 Stripping
T65 Sand filter
T66 Other (specify)

(d) Biological Treatment

T67 Activated sludge
T68 Aerobic lagoon
T69 Aerobic tank
T70 Anaerobic tank
T71 Composting
T72 Septic tank
T73 Spray irrigation
T74 Thickening filter
T75 Tricking filter
T76 Waste stabilization pond
T77 Other (specify)
T78 [Reserved]
T79 [Reserved]

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
 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

(e) Boilers and Industrial Furnaces

- T80 Boiler
- T81 Cement Kiln
- T82 Lime Kiln
- T83 Aggregate Kiln
- T84 Phosphate Kiln
- T85 Coke Oven
- T86 Blast Furnace
- T87 Smelting, Melting, or Refining Furnace
- T88 Titanium Dioxide Chloride Process Oxidation Reactor
- T89 Methane Reforming Furnace
- T90 Pulping Liquor Recovery Furnace
- T91 Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid
- T92 Halogen Acid Furnaces
- T93 Other Industrial Furnaces Listed in 40 CFR 260.10 (specify)

(f) Other Treatment

- T94 Containment Building (Treatment)

3. Disposal

- D79 Underground Injection
- D80 Landfill
- D81 Land Treatment
- D82 Ocean Disposal
- D83 Surface Impoundment (to be closed as a landfill)
- D99 Other Disposal (specify)

4. Miscellaneous (Subpart X)

- X01 Open Burning/Open Detonation
- X02 Mechanical Processing
- X03 Thermal Unit
- X04 Geologic Repository
- X99 Other Subpart X (specify)

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

APPENDIX I TO PART 265

RECORDKEEPING INSTRUCTIONS

replace Table 1 to paragraph (2) with the following table:	Appendix I/Table 1	<i>Part 265 Appendix I/Table 1</i>	X			
--	--------------------	--	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
 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

Table 1

Unit of measure	Code ¹
Gallons	G
Gallons Per Hour	E
Gallons Per Day	U
Liters	L
Liters Per Hour	H
Liters Per Day	V
Short Tons Per Hour	D
Metric Tons Per Hour	W
Short Tons Per Day	N
Metric Tons Per Day	S
Pounds per Hour	J
Kilograms Per Hour	R
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-feet	A
Hectares	Q
Hectare-meter	F
Btu's per Hour	I

FOOTNOTE: ¹Single digit symbols are used here for data processing purposes.

replace Table 2 to paragraph (3) with the following table:	Appendix I/Table 2	<i>Part 265 Appendix I/Table 2</i>	X			
--	--------------------	------------------------------------	---	--	--	--

Table 2.-Handling Codes for Treatment, Storage and Disposal Methods

Enter the handling code(s) listed below that most closely represents the technique(s) used at the facility to treat, store or dispose of each quantity of hazardous waste received.

1. Storage

- S01 Container (barrel, drum, etc.)
- S02 Tank
- S03 Waste Pile
- S04 Surface Impoundment
- S05 Drip Pad
- S06 Containment Building (Storage)
- S99 Other Storage (specify)

2. Treatment

(a) Thermal Treatment--

- T06 Liquid injection incinerator
- T07 Rotary kiln incinerator
- T08 Fluidized bed incinerator
- T09 Multiple hearth incinerator
- T10 Infrared furnace incinerator
- T11 Molten salt destructor

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
 Technical Amendment (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
	T12	Pyrolysis				
	T13	Wet Air oxidation				
	T14	Calcination				
	T15	Microwave discharge				
	T18	Other (specify)				
	(b) Chemical Treatment--					
	T19	Absorption mound				
	T20	Absorption field				
	T21	Chemical fixation				
	T22	Chemical oxidation				
	T23	Chemical precipitation				
	T24	Chemical reduction				
	T25	Chlorination				
	T26	Chlorinolysis				
	T27	Cyanide destruction				
	T28	Degradation				
	T29	Detoxification				
	T30	Ion exchange				
	T31	Neutralization				
	T32	Ozonation				
	T33	Photolysis				
	T34	Other (specify)				
	(c) Physical Treatment--					
	(1) Separation of components					
	T35	Centrifugation				
	T36	Clarification				
	T37	Coagulation				
	T38	Decanting				
	T39	Encapsulation				
	T40	Filtration				
	T41	Flocculation				
	T42	Flotation				
	T43	Foaming				
	T44	Sedimentation				
	T45	Thickening				
	T46	Ultrafiltration				
	T47	Other (specify)				
	(2) Removal of Specific Components					
	T48	Absorption-molecular sieve				
	T49	Activated carbon				
	T50	Blending				
	T51	Catalysis				
	T52	Crystallization				
	T53	Dialysis				
	T54	Distillation				
	T55	Electrodialysis				
	T56	Electrolysis				
	T57	Evaporation				
	T58	High gradient magnetic separation				
	T59	Leaching				
	T60	Liquid ion exchange				
	T61	Liquid-liquid extraction				
	T62	Reverse osmosis				
	T63	Solvent recovery				

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 131: Recordkeeping Instructions;
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
	T64	Stripping				
	T65	Sand filter				
	T66	Other (specify)				
	(d) Biological Treatment					
	T67	Activated sludge				
	T68	Aerobic lagoon				
	T69	Aerobic tank				
	T70	Anaerobic tank				
	T71	Composting				
	T72	Septic tank				
	T73	Spray irrigation				
	T74	Thickening filter				
	T75	Tricking filter				
	T76	Waste stabilization pond				
	T77	Other (specify)				
	T78	[Reserved]				
	T79	[Reserved]				
	(e) Boilers and Industrial Furnaces					
	T80	Boiler				
	T81	Cement Kiln				
	T82	Lime Kiln				
	T83	Aggregate Kiln				
	T84	Phosphate Kiln				
	T85	Coke Oven				
	T86	Blast Furnace				
	T87	Smelting, Melting, or Refining Furnace				
	T88	Titanium Dioxide Chloride Process Oxidation Reactor				
	T89	Methane Reforming Furnace				
	T90	Pulping Liquor Recovery Furnace				
	T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid				
	T92	Halogen Acid Furnaces				
	T93	Other Industrial Furnaces Listed in 40 CFR 260.10 (specify)				
	(f) Other Treatment					
	T94	Containment Building (Treatment)				
	3. Disposal					
	D79	Underground Injection				
	D80	Landfill				
	D81	Land Treatment				
	D82	Ocean Disposal				
	D83	Surface Impoundment (to be closed as a landfill)				
	D99	Other Disposal (specify)				
	4. Miscellaneous (Subpart X)					
	X01	Open Burning/Open Detonation				
	X02	Mechanical Processing				
	X03	Thermal Unit				
	X04	Geologic Repository				
	X99	Other Subpart X (specify)				

RCRA REVISION CHECKLIST 132

Wood Surface Protection; Correction
 59 FR 28484
 June 2, 1994
 (RCRA Cluster IV, Non-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 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B - DEFINITIONS

REFERENCES

after the first "Updates I" remove ", II"; remove the "s" in the second "Updates I" as well as "II, and IIA", which occurs immediately after; add new information on where Update II A may be found;	260.11(a)	SEE CHECKLIST 141	X			
--	-----------	-------------------------	---	--	--	--

RCRA REVISION CHECKLIST 133

Letter of Credit Revision
 59 FR 29958-29960
 June 10, 1994
 (RCRA Cluster VI, non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF
 HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

SUBPART H - FINANCIAL REQUIREMENTS

WORDING OF THE INSTRUMENTS

† after "published" insert "and copyrighted"	264.151(d)	264.151(d)	X			
† after "published" insert "and copyrighted"	264.151(k)	264.151(k)	X			

RCRA REVISION CHECKLIST 134

Correction of Beryllium Powder (P015) Listing
 59 FR 31551-31552
 June 20, 1994
 (RCRA Cluster IV, Non-HSWA provisions)

Note: On April 22, 1988, EPA published a technical correction to the lists of hazardous wastes in 40 CFR 261.33(e) and (f) (Revision Checklist 46, 53 FR 13382). In that notice, however, the word "dust" was inadvertently omitted from the P015 listing for "beryllium dust" in the 261.33(e) list of hazardous wastes. In addition, it became apparent that the term "beryllim dust" is not used by the industry to describe this commerical chemical product; the actual term used by the industry is "beryllium powder". This technical correction adds "powder" to the P015 hazardous waste listing for "beryllium" and makes conforming changes to the list of hazardous constituents in Part 261 Appendix VIII and to Table 2 in § 268.42(a).

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

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D--LISTS OF HAZARDOUS WASTES

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES,
 CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF

correct the P015 listing as shown below	261.33(e)	261.33(e)	X			
---	-----------	-----------	---	--	--	--

Hazardous waste No.	Chemical abstracts No.	Substance
* * *	* * *	* * *
P015	7440-41-7	Beryllium powder
* * *	* * *	* * *

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

correct the P015 listing as shown below	Appendix VIII	Part 261 Appendix VIII	X			
---	---------------	------------------------	---	--	--	--

RCRA REVISION CHECKLIST 134: Correction of Beryllium Powder (P015 Listing) (cont'd)

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

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
* * * Beryllium powder	* * * Same	* * * 7440-41-7	* * * P015
* * *	* * *	* * *	* * *

PART 268 - LAND DISPOSAL RESTRICTIONS

SUBPART D - TREATMENT STANDARDS

TREATMENT STANDARDS EXPRESSED AS SPECIFIED TECHNOLOGIES

change the P015 entry's waste description from "beryllium dust" to "beryllium powder"	268.42(a)/Table 2	See Checklist 137	X			
---	-------------------	-------------------	---	--	--	--

RCRA REVISION CHECKLIST 135

Recovered Oil Exclusion
 59 FR 38536-38545
 July 28, 1994
 (RCRA Cluster V, Non-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 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

DEFINITION OF HAZARDOUS WASTE

change "(v) through (viii)" to "(iv) through (vi)"	261.3(c)(2)(ii)(B)	261.3(c)(2)(ii)(B)	X			
--	--------------------	--------------------	---	--	--	--

EXCLUSIONS

add new paragraph addressing exclusion for recovered oil from petroleum refining, exploration and production, and from transportation incident thereto, which is inserted in the petroleum refining process; applies to recovered oil stored or transported prior to insertion; definition of recovered oil; what "recovered oil" does not include	261.4(a)(12)	261.4(a)(12)	X			
--	--------------	--------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 135: Recovered Oil Exclusion (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
REQUIREMENTS FOR RECYCLABLE MATERIALS						
after "practices", add parenthetical phrase "this exemption does not apply to fuels produced from oil recovered from oil-bearing hazardous waste, where such recovered oil is already excluded under § 261.4(a)(12)"	261.6(a)(3)(iv)	261.6(a)(3)(iv)	X			
remove old 261.6(a)(3)(v) and redesignate old 261.6(a)(3)(vi) as new 261.6(a)(3)(v)	261.6(a)(3)(v)	261.6(a)(3)(v)	X			
redesignate old 261.6(a)(3)(vii) as new 261.6(a)(3)(vi); replace the phrase "at the same facility at which such wastes were generated" with "by the same person who generated the waste"	261.6(a)(3)(vi)	261.6(a)(3)(vi)	X			
PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES						
SUBPART H - HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES						
APPLICABILITY						
replace "(v-viii)" with "(iv) through (vi)"	266.100(b)(3)	266.100(b)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 136

Removal of the Conditional Exemption
for Certain Slag Residues
59 FR 43496-43500
as amended August 24, 1994
(RCRA Cluster V, 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 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTE AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES						
SUBPART C - RECYCLABLE MATERIALS USED IN A MANNER CONSTITUTING DISPOSAL						
APPLICABILITY						
add new paragraph; uses of slags from HTMR processing of hazardous wastes K061, K062 and F006 not covered by 266.20(b)	266.20(c)	266.20(c)	X			
PART 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART D - TREATMENT STANDARDS						
redesignate Footnote 2 as Footnote 3 at the end of the table and at the "F020-F023 . . ." entry in the table; add reference to Footnote 2 at F006, K061 and K062; at end of table add a new Footnote 2: "2See also restrictions on use of slags for anti-skid/deicing purposes in §266.20(c)"	268.41(a)/ Table CCWE	Not adopted. Revised in Check-list 137.				

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 139

Testing and Monitoring Activities Amendment I
 60 FR 3089-3095
 January 13, 1995
 (RCRA Cluster V, Non-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 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B - DEFINITIONS						

REFERENCES

<p>revise reference to "Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods" by replacing "Updates I and IIA" in the first sentence with "Updates I (July, 1992), II (September, 1994), and IIA (August, 1993)"; in the second sentence, replace "Update I" with "Updates I, II, and IIA"; replace the last portion of the second sentence beginning with "; and Update IIA is available from..." with the new sentence, "Copies may be inspected at the Library, U.S. Environmental Protection Agency, 401 M Stareet, SW, Washington, DC 20460."</p>	<p>260.11(a)</p>	<p>Not Adopted Superseded by Checklist 141</p>				
---	------------------	--	--	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140

Carbamate Production Identification and Listing of Hazardous Waste

60 FR 7824-7859

February 9, 1995

as amended at 60 FR 19165, April 17, 1995

and at 60 FR 25619, May 12, 1995

(RCRA Cluster V, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
DEFINITION OF HAZARDOUS WASTE						
remove period at end of paragraph; add "; or"	261.3(a)(2)(iv)(E)	261.3(a)(2)(iv)(E)	X			
† add new paragraph which excludes as hazardous waste certain wastewaters from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K157); specific provisions which must be met	261.3(a)(2)(iv)(F)	261.3(a)(2)(iv)(F)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (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 which excludes as hazardous waste certain wastewaters derived from the treatment of one or more of the wastes listed in 261.32--organic waste from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K156); specific provisions which must be met	261.3(a)(2)(iv)(G)	261.3(a)(2)(iv)(G)	X			
† add new paragraph which excludes as hazardous waste biological treatment sludge from the treatment of one of the wastes listed in 261.32--organic waste from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K156), and wastewaters from the production of carbamates and carbamoyl oximes (EPA Hazardous Waste No. K157)	261.3(c)(2)(ii)(D)	261.3(c)(2)(ii)(D)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (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 D--LISTS OF HAZARDOUS WASTES

HAZARDOUS WASTE FROM SPECIFIC SOURCES

add the following "K" wastes in alphanumeric order (by the first column) to the subgroup "Organic chemicals":	261.32	261.32	X			
---	--------	--------	---	--	--	--

Industry and EPA hazardous waste No.	Hazardous waste							Hazard code
Organic Chemicals:	*	*	*	*	*	*	*	
K156	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes.							(T)
K157	Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes.							(T)
K158	Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes.							(T)
K159	Organics from the treatment of thiocarbamate wastes.							(T)
K160	Solids (including filter wastes, separation solids, and spent catalysts) from the production of thiocarbamates and solids from the treatment of thiocarbamate wastes.							(T)
K161	Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts.							(R,T)
(This listing does not include K125 or K126.)								

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF

1, add the following "P" 2 wastes in alphabetic order (by the third column)	261.33(e)	261.33(e)	X			
--	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:				
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE	
	Chemical abstracts No.	Substance					
	*	*	*	*	*	*	*
P023	1646-88-4	Aldicarb sulfone.					
	*	*	*	*	*	*	*
P127	1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate.					
P188	57-64-7	Benzoic acid, 2-hydroxy-, compd. with (3a5-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1).					
	*	*	*	*	*	*	*
P189	55285-14-8	Carbamic acid, [(dibutylamino)- thio]methyl-, 2,3-dihydro-2,2-dimethyl- 7-benzofuranyl ester.					
P191	644-64-4	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]- 5-methyl-1H- pyrazol-3-yl ester.					
P192	119-38-0	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H- pyrazol-5-yl ester.					
P190	1129-41-5	Carbamic acid, methyl-, 3-methylphenyl ester.					
P127	1563-66-2	Carbofuran.					
	*	*	*	*	*	*	*
P189	5285-14-8	Carbosulfan.					
	*	*	*	*	*	*	*
P202	64-00-6	m-Cumenyl methylcarbamate.					
	*	*	*	*	*	*	*
P191	644-64-4	Dimetilan.					
	*	*	*	*	*	*	*
P185	26419-73-8	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O- [(methylamino)- carbonyl]oxime.					
	*	*	*	*	*	*	*
P194	23135-22-0	Ethanimidothioc acid, 2-(dimethylamino)-N-[[[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester.					
	*	*	*	*	*	*	*

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
P198 P197	23422-53-9 17702-57-7	Formetanate hydrochloride. Formparanate.	*	*	*	*
P192 P202	119-38-0 64-00-6	Isolan. 3-Isopropylphenyl N-methylcarbamate.	*	*	*	*
P196 P196	15339-36-3 15339-36-3	Manganese, bis(dimethylcarbamodithioato-S,S')-, Manganese dimethyldithiocarbamate.	*	*	*	*
P198 P197 P199	23422-53-9 17702-57-7 2032-65-7	Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride. Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]- Methiocarb.	*	*	*	*
P190	1129-41-5	Metolcarb.	*	*	*	*
P128	315-18-4	Mexacarbate.	*	*	*	*
P194	23135-22-0	Oxamyl.	*	*	*	*
P128 P199	315-18-4 2032-65-7	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester). Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate	*	*	*	*

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
P202	64-00-6	Phenol, 3-(1-methylethyl)-, methyl carbamate.	*	*	*	*
P201	2631-37-0	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate.	*	*	*	*
P204 P188	57-47-6 57-64-7	Physostigmine. Physostigmine salicylate.	*	*	*	*
P201 P203	2631-37-0 1646-88-4	Promecarb Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime.	*	*	*	*
P204	57-47-6	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-.	*	*	*	*
P185	26419-73-8	Tirpate.	*	*	*	*
P205	137-30-4	Zinc, bis(dimethylcarbamodithioato-S,S')-	*	*	*	*
P205	137-30-4	Ziram.				

1 add the following "U" wastes in alphabetic order (by the third column)	261.33(f)	261.33(f)	X			
--	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
Hazardous waste No.	Chemical abstracts No.	Substance				
U394	30558-43-1	A2213.	*	*	*	*
U365	2212-67-1	H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester.	*	*	*	*
U280	101-27-9	Barban.	*	*	*	*
U278	22781-23-3	Bendiocarb.	*	*	*	*
U364	22961-82-6	Bendiocarb phenol.	*	*	*	*
U271	17804-35-2	Benomyl.	*	*	*	*
U278	22781-23-3	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate.	*	*	*	*
U364	22961-82-6	1,3-Benzodioxol-4-ol, 2,2-dimethyl-,	*	*	*	*
U367	1563-38-8	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	*	*	*	*
U401	97-74-5	Bis(dimethylthiocarbamoyl) sulfide.	*	*	*	*
U400	120-54-7	Bis(pentamethylene)thiuram tetrasulfide.	*	*	*	*
U392	2008-41-5	Butylate.	*	*	*	*
U372	10605-21-7	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester.	*	*	*	*
U271	17804-35-2	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester	*	*	*	*
U375	55406-53-6	Carbamic acid, butyl-, 3-iodo-2-propynyl ester.	*	*	*	*
U280	101-27-9	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester.	*	*	*	*
U373	122-42-9	Carbamic acid, phenyl-, 1-methylethyl ester.	*	*	*	*
U409	23564-05-8	Carbamic acid, [1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester.	*	*	*	*
U379	136-30-1	Carbamodithioic acid, dibutyl, sodium salt.	*	*	*	*
U277	95-06-7	Carbamodithioic acid, diethyl-, 2-chloro-2-propenyl ester.	*	*	*	*
U381	148-18-5	Carbamodithioic acid, diethyl-, sodium salt.	*	*	*	*
U383	128-03-0	Carbamodithioic acid, dimethyl, potassium salt.	*	*	*	*
U382	128-04-1	Carbamodithioic acid, dimethyl-, sodium salt.	*	*	*	*
U376	144-34-3	Carbamodithioic acid, dimethyl-, tetraanhydrosulfide with orthothioselenious acid.	*	*	*	*
U378	51026-28-9	Carbamodithioic acid, (hydroxymethyl)methyl-, monopotassium salt.	*	*	*	*
U384	137-42-8	Carbamodithioic acid, methyl-, monosodium salt.	*	*	*	*
U377	137-41-7	Carbamodithioic acid, methyl-, monopotassium salt.	*	*	*	*

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
U389	2303-17-5	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester.				
U392	2008-41-5	Carbamothioic acid, bis(2-methylpropyl)-, S-ethyl ester.				
U391	1114-71-2	Carbamothioic acid, butylethyl-, S-propyl ester.				
U386	1134-23-2	Carbamothioic acid, cyclohexylethyl-, S-ethyl ester.				
U390	759-94-4	Carbamothioic acid, dipropyl-, S-ethyl ester.				
U387	52888-80-9	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester.				
U385	1929-77-7	Carbamothioic acid, dipropyl-, S-propyl ester.				
U279	63-25-2	Carbaryl.				
U372	10605-21-7	Carbendazim.				
U367	1563-38-8	Carbofuran phenol.				
	*	*	*	*	*	*
U393	137-29-1	Copper, bis(dimethylcarbamodithioato-S,S')-,				
U393	137-29-1	Copper dimethyldithiocarbamate.				
	*	*	*	*	*	*
U386	1134-23-2	Cycloate.				
	*	*	*	*	*	*
U366	533-74-4	Dazomet.				
	*	*	*	*	*	*
U395	5952-26-1	Diethylene glycol, dicarbamate.				
	*	*	*	*	*	*
U403	97-77-8	Disulfiram.				
	*	*	*	*	*	*
U390	759-94-4	EPTC.				
	*	*	*	*	*	*
U404	121-44-8	Ethanamine, N,N-diethyl-				
	*	*	*	*	*	*
U410	59669-26-0	Ethanimidothioic acid, N,N'- [thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester				
U394	30558-43-1	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester.				
	*	*	*	*	*	*
U395	5952-26-1	Ethanol, 2,2'-oxybis-, dicarbamate.				
	*	*	*	*	*	*
U407	14324-55-1	Ethyl Ziram.				
	*	*	*	*	*	*

US EPA ARCHIVE DOCUMENT

DISCONTINUED

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
U396	14484-64-1	Ferbam.				
	*	*	*	*	*	*
U375	55406-53-6	3-Iodo-2-propynyl n-butylcarbamate.				
	*	*	*	*	*	*
U396	14484-64-1	Iron, tris(dimethylcarbamodithioato-S,S')-,				
	*	*	*	*	*	*
U384	137-42-8	Metam Sodium.				
	*	*	*	*	*	*
U365	2212-67-1	Molinate.				
	*	*	*	*	*	*
U279	63-25-2	1-Naphthalenol, methylcarbamate.				
	*	*	*	*	*	*
U391	1114-71-2	Pebulate.				
	*	*	*	*	*	*
U411	114-26-1	Phenol, 2-(1-methylethoxy)-, methylcarbamate.				
	*	*	*	*	*	*
U400	120-54-7	Piperidine, 1,1'-(tetrathiodicarbonothioyl)-bis-				
U383	128-03-0	Potassium dimethyldithiocarbamate.				
U378	51026-28-9	Potassium n-hydroxymethyl- n-methyl-di-thiocarbamate.				
U377	137-41-7	Potassium n-methyldithiocarbamate.				
	*	*	*	*	*	*
U373	122-42-9	Propham.				
U411	114-26-1	Propoxur.				
	*	*	*	*	*	*
U387	52888-80-9	Prosulfocarb.				
	*	*	*	*	*	*
U376	144-34-3	Selenium, tetrakis(dimethyldithiocarbamate).				
	*	*	*	*	*	*
U379	136-30-1	Sodium dibutyldithiocarbamate.				
U381	148-18-5	Sodium diethyldithiocarbamate.				
U382	128-04-1	Sodium dimethyldithiocarbamate.				
	*	*	*	*	*	*

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:				
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE	
U277	95-06-7	Sulfallate.	*	*	*	*	*
U402	1634-02-2	Tetrabutylthiuram disulfide.	*	*	*	*	*
U401 U366	97-74-5 533-74-4	Tetramethylthiuram monosulfide. 2H-1,3,5-Thiadiazine- 2-thione, tetrahydro-3,5-dimethyl-	*	*	*	*	*
U410	59669-26-0	Thiodicarb.	*	*	*	*	*
U402 U403	1634-02-2 97-77-8	Thioperoxydicarbonic diamide, tetrabutyl. Thioperoxydicarbonic diamide, tetraethyl.	*	*	*	*	*
U409	23564-05-8	Thiophanate-methyl.	*	*	*	*	*
U389	2303-17-5	Triallate.	*	*	*	*	*
U404	121-44-8	Triethylamine.	*	*	*	*	*
U385	1929-77-7	Vernolate.	*	*	*	*	*
U407	14324-55-1	Zinc, bis(diethylcarbamodithioato-S,S')-					

APPENDIX VII TO PART 261

BASIS FOR LISTING HAZARDOUS WASTE

add in alphanumeric order (by first column)	261, Appendix VII	261, Appendix VII	X			
---	-------------------	-------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
EPA hazardous waste No.	Hazardous constituents for which listed					
K156	Benomyl, carbaryl, carbendazim, carbofuran, carbosulfan, formaldehyde, methylene chloride, triethylamine.					
K157	Carbon tetrachloride, formaldehyde, methyl chloride, methylene chloride, pyridine, triethylamine.					
K158	Benomyl, carbendazim, carbofuran, carbosulfan, chloroform, methylene chloride.					
K159	Benzene, butylate, eptc, molinate, pebulate, vernolate.					
K160	Benzene, butylate, eptc, molinate, pebulate, vernolate.					
K161	Antimony, arsenic, metam-sodium, ziram.					

APPENDIX VIII TO PART 261

HAZARDOUS CONSTITUENTS

1 add in alphabetical order:	261, Appendix VIII	261, Appendix VIII X				
------------------------------	--------------------	----------------------	--	--	--	--

Common Name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
A2213	Ethanimidothioic acid, 2- (dimethylamino) -N-hydroxy-2-oxo-, methyl ester	30558-43-1	U394
Aldicarb sulfone	Propanal, 2-methyl-2- (methylsulfonyl) -, O-[(methylamino) carbonyl] oxime	1646-88-4	P203
Barban	Carbamic acid, (3-chlorophenyl) -, 4-chloro-2-butynyl ester	101-27-9	U280
Bendiocarb	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate	22781-23-3	U278
Bendiocarb phenol	1,3-Benzodioxol-4-ol, 2,2-dimethyl-,	22961-82-6	U364
Benomyl	Carbamic acid, [1- [(butylamino) carbonyl]-1H-benzimidazol-2-yl] -, methyl ester	17804-35-2	U271
Bis (pentamethylene)-thiuram tetrasulfide.	Piperidine, 1,1'-(tetrathiodicarbonothioyl)-bis-	120-54-7U	400

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Butylate	Carbamothioic acid, bis (2-methylpropyl)-, S-ethyl ester			2008-41-5		U392
*	*	*	*	*	*	*
Carbaryl	1-Naphthalenol, methylcarbamate			63-25-2		U279
Carbendazim	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester			10605-21-7		U372
Carbofuran	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate			1563-66-2		P127
Carbofuran phenol	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-			1563-38-8		U367
*	*	*	*	*	*	*
Carbosulfan	Carbamic acid, [(dibutylamino) thio] methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester			55285-14-8		P189
*	*	*	*	*	*	*
Copper dimethyl-dithiocarbamate	Copper, bis(dimethylcarbamodithioato-S,S')-,			137-29-1		U393
*	*	*	*	*	*	*
m-Cumenyl methylcarbamate	Phenol, 3-(methylethyl)-, methyl carbamate			64-00-6		P202
*	*	*	*	*	*	*
Cycloate	Carbamothioic acid, cyclohexylethyl-, S-ethyl ester			1134-23-2		U386
*	*	*	*	*	*	*
Dazomet	2H-1,3,5-thiadiazine-2-thione, tetrahydro-3,5-dimethyl			533-74-4		U366
*	*	*	*	*	*	*
Diethylene glycol, dicarbamate	Ethanol, 2,2'-oxybis-, dicarbamate			5952-26-1		U395
*	*	*	*	*	*	*
Dimetilan	Carbamic acid, dimethyl-, 1- [(dimethylamino) carbonyl]-5-methyl-1H-pyrazol-3-yl ester			644-64-4		P191
*	*	*	*	*	*	*
Disulfiram	Thioperoxydicarbonic diamide, tetraethyl			97-77-8		U403
*	*	*	*	*	*	*
EPTC	Carbamothioic acid, dipropyl-, S-ethyl ester			759-94-4		U390
*	*	*	*	*	*	*
Ethyl Ziram	Zinc, bis(diethylcarbamodithioato-S,S')-			14324-55-1		U407
*	*	*	*	*	*	*
Ferbam	Iron, tris(dimethylcarbamodithioat-S,S')-,			14484-64-1		U396
*	*	*	*	*	*	*

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
Formetanate	Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino) carbonyl]oxy]phenyl]-, monohydrochloride			23422-53-9		P198
*	*	*	*	*	*	*
Formparanate	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino) carbonyl]oxy]phenyl]-.			17702-57-7		P197
*	*	*	*	*	*	*
3-Iodo-2-propynyl n-butylcarbamate	Carbamic acid, butyl-, 3-iodo-2-propynyl ester			55406-53-6		U375
*	*	*	*	*	*	*
Isolan	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester			119-38-0		P192
*	*	*	*	*	*	*
Manganese dimethyldithiocarbamate	Manganese, bis(dimethylcarbamodithioato-S,S')-,			15339-36-3		P196
*	*	*	*	*	*	*
Metam Sodium	Carbamodithioic acid, methyl-, monosodium salt			137-42-8		U384
*	*	*	*	*	*	*
Methiocarb	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate			2032-65-7		P199
*	*	*	*	*	*	*
Metolcarb	Carbamic acid, methyl-, 3-methylphenyl ester			1129-41-5		P190
*	*	*	*	*	*	*
Mexacarbate	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)			315-18-4		P128
*	*	*	*	*	*	*
Molinate	1H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester			2212-67-1		U365
*	*	*	*	*	*	*
Oxamyl	Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester			23135-22-0		P194
*	*	*	*	*	*	*
Pebulate	Carbamothioic acid, butylethyl-, S-propyl ester			1114-71-2		U391
*	*	*	*	*	*	*
Physostigmine	Pyrrolo[2,3-b]indol-5-yl, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-			57-47-6		P204
Physostigmine salicylate	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1).			57-64-7		P188
*	*	*	*	*	*	*

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Potassium dimethyldithiocarbamate	Carbamodithioc acid, dimethyl, potassium salt			128-03-0		U383
Potassium hydroxymethyl-n-methyldithiocarbamate.	Carbamodithioc acid, (hydroxymethyl)methyl-, monopotassium salt			51026-28-9		U378
Potassium n-methyldithiocarbamate	Carbamodithioc acid, methyl-monopotassium salt			137-41-7		U377
*	*	*	*	*	*	*
Promecarb	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate			2631-37-0		P201
*	*	*	*	*	*	*
Propam	Carbamide acid, phenyl-, 1-methylethyl ester			122-42-9		U373
Propoxur	Phenol, 2-(1-methylethoxy)-, methylcarbamate			114-26-1		U411
*	*	*	*	*	*	*
Prosulfocarb	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester			52888-80-9		U387
*	*	*	*	*	*	*
Selenium, tetrakis (di-methyldithiocarbamate.	Carbamodithioic acid, dimethyl-, tetraanhydrosulfide with orthothioselenious acid.			144-34-3		U376
*	*	*	*	*	*	*
Sodium dibutyldithiocarbamate	Carbamodithioic acid, dibutyl, sodium salt			136-30-1		U379
Sodium diethyldithiocarbamate	Carbamodithioic acid, diethyl-, sodium salt			148-18-5		U381
Sodium dimethyldithiocarbamate	Carbamodithioic acid, dimethyl-, sodium salt			128-04-1		U382
*	*	*	*	*	*	*
Sulfallate	Carbamodithioic acid, diethyl-, 2-chloro-2-propenyl ester			95-06-7		U277
*	*	*	*	*	*	*
Tetrabutylthiuram disulfide	Thioperoxydicarbonic diamide, tetrabutyl			1634-02-2		U402
*	*	*	*	*	*	*
Tetrabutylthiuram monosulfide	Bis (dimethylthiocarbamoyl) sulfide			97-74-5		U401
*	*	*	*	*	*	*
Thiodicarb	Ethanimidothioic acid, N,N'-[thiobis [(methylimino) carbonyloxy]] bis-, dimethyl ester.			59669-26-0		U410
Thiophanate-methyl	Carbamic acid, [1,2-phenylenebis (iminocarbonothioyl)] bis-, dimethyl ester			23564-05-8		U409
*	*	*	*	*	*	*

US EPA ARCHIVE DOCUMENT

██████████

RCRA REVISION CHECKLIST 140: Carbamate Production Identification and Listing of Hazardous Waste (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Tirpate	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino) carbonyl] oxime.			26419-73-8	P185	
*	*	*	*	*	*	*
Triallate	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester			2303-17-5	U389	
*	*	*	*	*	*	*
Triethylamine	Ethanamine, N,N-diethyl-			121-44-8	U404	
*	*	*	*	*	*	*
Vernolate	Carbamothioic acid, dipropyl-, S-propyl ester			1929-77-7	U385	
*	*	*	*	*	*	*
Ziram	Zinc, bis(dimethylcarbamodithioato-S,S')-, (T-4)-			137-30-4	P205	
*	*	*	*	*	*	*

¹ Amended by 60 FR 19165 (April 17, 1995) and 60 FR 25619 (May 12, 1995).

² The May 12, 1995 Federal Register article corrected the CAS No. for "Mexacarbamate." However, on page 25620 of this article, "Mexacarbamate" should be "Mexacarbate".

RCRA REVISION CHECKLIST 141

Testing and Monitoring Activities Amendment II

60 FR 17001-17004

April 4, 1995

(RCRA Cluster V, Non-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 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B - DEFINITIONS						
REFERENCES						
replace the reference for "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" with new reference to include Update IIB; update phone number	260.11(a)	260.11(a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A

Universal Waste: General Provisions
 60 FR 25492-25551
 May 11, 1995

(RCRA Cluster V, non-HSWA provisions)

Note: 1) This checklist, which addresses the universal waste general provisions, is one of five revision checklists developed for the Universal Waste Rule. To be authorized for this checklist, the State must also be authorized for at least one of the following universal waste checklists: Revision Checklists 142B, 142C, and 142D, and 142E.

2) Note that the wording of several paragraphs addressed by this checklist needs to be revised to reflect the universal waste(s) the State adopts. Examples of such paragraphs include 273.32(a)(1), 273.32(b)(4)&(5), 273.6 definition of "Small Quantity Generator," and 273.39(a)(2). For example, 273.39(a)(2) lists batteries, pesticides and thermostats as examples. A State should include as examples only those universal wastes it adopts.

3) Certain provisions, such as the 260.10 definition of universal wastes, 261.9, 264.1(g)(11), 265.1(c)(14), 268.1(f), 270.1(c)(2)(viii), and 273.1(a), address certain requirements after which the universal wastes to which the requirements apply are listed. Only the requirements are included in this current checklist because it addresses the general provisions for universal wastes. The universal waste listings are included in the specific universal waste checklist, Revision Checklist 142B, C or D, as appropriate. For example, for the 264.1(g)(11) provision, this checklist contains the 264.1(g)(11) introductory provisions because they apply to all of the universals listed. 264.1(g)(11)(i), which addresses batteries, is included in Revision Checklist 142B because that checklist contains all of the provisions addressing batteries. Similarly, 264.1(g)(11)(ii) and 264.1(g)(11)(iii) are included in Revision Checklists 142C and 142D, respectively. Thus, a State must be sure that the requirements at provisions such as 261.9, 264.1(g)(11), and 265.1(c)(14), appropriately reflect the universal wastes the State is adopting.

4) When a State adopts the 273.20(b)&(c) and 273.56 provisions, it should be sure to not replace "EPA" in "EPA Acknowledgement of Consent". This document is an export paper and can be prepared only by EPA. For further guidance regarding exports, see Revision Checklist 31.

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

PART 260--HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B--DEFINITIONS

† DEFINITIONS

change "and 268" to ", 268, and 270 through 273"	260.10 intro	260.10 intro	X			
--	--------------	-----------------	---	--	--	--

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (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 "Destination Facility"	260.10	260.10	X			
add introductory paragraph for "Universal Waste" [Note: States should adopt (1)-(3) of the definition to appropriately reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]	260.10	260.10	X			
add "Universal Waste Handler"	260.10	260.10	X			
add "Universal Waste Transporter"	260.10	260.10	X			

PART 261--IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A--GENERAL

† SPECIAL REQUIREMENTS FOR HAZARDOUS WASTE GENERATED BY CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS

entirely reword paragraph and include six new subparagraphs; when making the 261.5 and Part 262 quantity determinations, the generator must include all hazardous waste except that listed at 261.5(c)(1)-(6):	261.5(c)	261.5(c)	X			
hazardous waste exempt from regulation under 261.4(c)-(f), 261.6(a)(3), 261.7(a)(1) or 261.8; or	261.5(c)(1)	261.5(c)(1)	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
hazardous waste managed immediately upon generation only in on-site elementary neutralization units, wastewater treatment units, or totally enclosed treatment facilities as defined in 260.10; or	261.5(c)(2)	261.5(c)(2)	X			
hazardous waste that is recycled, without prior storage or accumulation, only in an on-site process subject to 261.6(c)(2) regulation; or	261.5(c)(3)	261.5(c)(3)	X			
hazardous waste that is used oil managed under 261.6(a)(4) and Part 279; or	261.5(c)(4)	261.5(c)(4)	X			
hazardous waste that is spent lead-acid batteries managed under Part 266, Subpart G; or	261.5(c)(5)	261.5(c)(5)	X			
hazardous waste that is universal waste managed under 261.9 and Part 273	261.5(c)(6)	261.5(c)(6)	X			
included in rule, but not changed	261.5(f)(3) intro	261.5(f)(3) intro	X			
included in rule, but not changed	261.5(f)(3)(i)-(iv)	261.5(f)(3) (i)-(iv)	X			
included in rule, but not changed	261.5(f)(3)(v)	261.5(f)(3)(v)	X			
included in rule, but not changed	261.5(f)(3)(v)(A)	261.5(f)(3) (v)(A)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
change the period to "; or"	261.5(f)(3)(v)(B)	261.5(f)(3) (v)(B)	X			
add new subparagraph addressing universal waste managed under Part 273	261.5(f)(3)(vi)	261.5(f)(3)(vi)	X			
included in rule, but not changed	261.5(g)(3) intro	N/A				
included in rule, but not changed	261.5(g)(3)(i)-(iv)	N/A				
included in rule, but not changed	261.5(g)(3)(v)	N/A				
included in rule, but not changed	261.5(g)(3)(v)(A)	N/A				
change the period to ", or"	261.5(g)(3)(v)(B)	261.5(g)(3)(B)	X			
add new subparagraph addressing universal waste managed under Part 273	261.5(g)(3)(vi)	261.5(g)(3)(vi)	X			

† REQUIREMENTS FOR UNIVERSAL WASTE

wastes listed in 261.9 are exempt from regulation under Parts 262 through 270, except as specified in Part 273; wastes regulated under Part 273 [Note: States should adopt 269.1(a)- (c) as appropriate to reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]	261.9 intro	261.9 intro	X			
---	-------------	-------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 262--STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

redesignate old 262.10(b) through 262.10(f) as 262.10(c) through 262.10(g); add new paragraph (b) stating that 261.5(c) and (d) must be used to determine the applicability of Part 262 for those provisions dependent on a quantity determination	262.10(b)-(g)	262.10(b) - (g)	X			
--	---------------	-----------------	---	--	--	--

† HAZARDOUS WASTE DETERMINATION

add ", and 273" after "268"	262.11(d)	262.11(d)	X			
-----------------------------	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

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 A--GENERAL						

† PURPOSE, SCOPE, AND APPLICABILITY

<p>add new paragraph; universal waste handlers and transporters handling the listed universal wastes are subject to Part 273 rather than Part 264 [Note: States should adopt 264.1(g)(11)(i)-(iii) as appropriate to reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]</p>	<p>264.1(g)(11) intro</p>	<p>264.1 (g)(11) intro</p>	<p>X</p>			
---	---------------------------	--------------------------------	----------	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 265--INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES						
SUBPART A--GENERAL						

† PURPOSE, SCOPE AND APPLICABILITY

<p>add new paragraph; universal waste handlers and transporters handling the listed universal waste are subject to Part 273 rather than Part 265 [Note: States should adopt 265.1(c)(14)(i)-(iii) as appropriate to reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]</p>	<p>265.1(c)(14) intro</p>	<p>265.1(c)(14) intro</p>	<p>x</p>			
--	---------------------------	-------------------------------	----------	--	--	--

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

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

PART 268--LAND DISPOSAL RESTRICTIONS

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

<p>add new paragraph; universal waste handlers and transporters are exempt from 268.7 and 268.50 for the listed universal wastes; these handlers are subject to Part 273 instead [Note: States should adopt 268.1(f)(1)-(3) to appropriately reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]</p>	<p>268.1(f) intro</p>	<p>268.1 (f) intro</p>	<p>X</p>			
---	-----------------------	------------------------	----------	--	--	--

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

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

SUBPART A--GENERAL INFORMATION

† PURPOSE AND SCOPE OF THESE REGULATIONS

<p>add new paragraph; universal waste handlers and transporters managing the listed universal wastes are subject to Part 273 rather than Part 270 [Note: States should adopt 270.1(c)(2)(viii)(A)-(C) to appropriately reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]</p>	<p>270.1(c)(2)(viii) intro</p>	<p>122.1 (a)(2) (viii) intro</p>	<p>X</p>			
---	--------------------------------	----------------------------------	----------	--	--	--

PART 273--STANDARDS FOR UNIVERSAL WASTE MANAGEMENT

SUBPART A--GENERAL

† SCOPE

<p>Part 273 establishes requirements for managing the listed universal wastes [Note: States should adopt 273.1(a)(1)-(3) to appropriately reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]</p>	<p>273.1(a) intro</p>	<p>273.1 (a) intro</p>	<p>X</p>			
--	-----------------------	------------------------	----------	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Part 273 provides an alternate set of management standards in lieu of regulation under Parts 260-272	273.1(b)	273.1(b)	X			

† APPLICABILITY--HOUSEHOLD AND CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR WASTE

persons managing the wastes listed in 273.5(a)(1)&(2) may, at their option, manage them under Part 273	273.5(a)	273.5(a)	X			
household wastes exempt under 261.4(b)(1) that are the same type as the 273.6 defined universal wastes	273.5(a)(1)	273.5(a)(1)	X			
conditionally exempt small quantity generator wastes exempt under 261.5 that are the same type as the 273.6 defined universal hazardous wastes	273.5(a)(2)	273.5(a)(2)	X			
273.5(a)(1)&(2) wastes commingled with universal wastes are regulated under Part 273	273.5(b)	273.5(b)	X			

† DEFINITIONS

add "Destination facility"	273.6	273.6	X			
add "Generator"	273.6	273.6	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
add "Large Quantity Handler of Universal Waste"	273.6	273.6	X			
add "On-site"	273.6	273.6	X			
add "Small Quantity Handler of Universal Waste"	273.6	273.6	X			
add introductory paragraph to "Universal Waste" definition [Note: States should adopt (a)-(c) as appropriate to reflect the universal wastes adopted. See Revision Checklists 142B-D and prenote 3 to this checklist.]	273.6	273.6	X			
add "Universal Waste Handler"	273.6	273.6	X			
add "Universal Waste Transfer Facility"	273.6	273.6	X			
add "Universal Waste Transporter"	273.6	273.6	X			

SUBPART B--STANDARDS FOR SMALL QUANTITY HANDLERS OF UNIVERSAL WASTE

† APPLICABILITY

Part 273, Subpart B applies to small quantity handlers of universal waste	273.10	273.10	9			
---	--------	--------	---	--	--	--

† PROHIBITIONS

a 273.6 small quantity generator of universal waste is:	273.11 intro	273.11 intro	X			
---	--------------	--------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
prohibited from disposing of universal waste	273.11(a)	273.11 (a)	X			
prohibited from diluting or treating universal waste, except as provided	273.11(b)	273.11 (b)	X			
† NOTIFICATION						
a small quantity handler of a universal waste is not required to notify EPA	273.12	273.12	X			
† LABELING/MARKING						
a small quantity handler of universal waste must label or mark the universal waste to identify the type of universal waste as specified in 273.14(a) through (d)	273.14 intro	273.14 intro	X			
† ACCUMULATION TIME LIMITS						
one year accumulation period for small quantity handlers unless 273.15(b) requirements are met	273.15(a)	273.15 (a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
an accumulation period longer than one year is allowed if activity is solely for the purpose of accumulating such quantities of universal wastes as necessary for proper recovery, treatment, or disposal; handler bears burden of proof	273.15(b)	273.15(b)	X			
small quantity handlers must be able to demonstrate the length of time the universal waste has been accumulated; this demonstration is made by:	273.15(c)	273.15(c)	X			
placing the universal waste in a container and marking or labeling with the earliest date that any universal waste in the container became a waste or was received	273.15(c)(1)	273.15(c)(1)	X			
marking or labeling each individual item of universal waste with date it became a waste or was received	273.15(c)(2)	273.15(c)(2)	X			
maintaining an inventory system on-site that identifies the date each universal waste became a waste or was received	273.15(c)(3)	273.15(c)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
maintaining an inventory system on-site that identifies the earliest date that any universal waste in a group of universal waste items or group of containers of universal waste became a waste or was received	273.15(c)(4)	273.15(c)(4)	X			
placing universal waste in a specific accumulation area and identifying the earliest date that any universal waste in the area became a waste or was received	273.15(c)(5)	273.15(c)(5)	X			
any method clearly demonstrating the length of time that the universal waste has been accumulated	273.15(c)(6)	273.15(c)(6)	X			
† EMPLOYEE TRAINING						
small quantity handler employees who handle or are responsible for managing universal wastes must be informed of the proper handling and emergency procedures for the universal waste(s) handled	273.16	273.16	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
† RESPONSE TO RELEASES						
a small quantity handler must immediately contain all releases of universal waste and other residues from universal wastes	273.17(a)	273.17(a)	X			
determine if material resulting from a release is hazardous waste and manage it in compliance with all applicable Part 260 through 272 requirements; the handler is considered the generator and must be managed in compliance with Part 262	273.17(b)	273.17(b)	X			
† OFF-SITE SHIPMENTS						
small quantity handlers are prohibited from sending or taking universal waste to a place other than another universal waste handler, a destination facility, or a foreign destination	273.18(a)	273.18(a)	X			
when small quantity handler transports off-site, the handler becomes a universal waste transporter subject to the Part 273, Subpart D requirements while transporting the universal waste	273.18(b)	273.18(b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if the universal waste being transported off-site meets 49 CFR Parts 171-180 definition of hazardous materials, small quantity handlers must follow DOT requirements for packaging, labeling, marking, placarding, and tracking	273.18(c)	273.18(e)	X			
prior to shipment from the originating handler, the receiving handler must agree to receive the shipment	273.18(d)	273.18(d)	X			
if the receiving handler rejects the shipment, the originating handler must either:	273.18(e)	273.18(e)	X			
receive the waste back when notified that the shipment has been rejected, or	273.18(e)(1)	273.18(e)(1)	X			
agree with the receiving handler on a destination facility to which the shipment will be sent	273.18(e)(2)	273.18(e)(2)	X			
a small quantity handler can reject a universal waste shipment or a portion of a shipment; if rejected, the handler must notify the originating handler and either:	273.18(f)	273.18(f)	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
send the shipment back to the originating handler, or	273.18(f)(1)	273.18(f)(1)	X			
if agreed to by both the originating and receiving handler, send the shipment to a destination facility	273.18(f)(2)	273.18(f)(2)	X			
if small quantity handler receives a shipment containing hazardous waste that is not a universal waste, the handler must immediately notify EPA of the illegal shipment and provide the name, address, and phone number of the originating shipper; EPA will provide instructions for managing the hazardous waste	273.18(g)	273.18(g)	X			
if a small quantity handler receives a non-hazardous, non-universal waste shipment, the handler may manage the waste in any way that is in compliance with applicable Federal, State or local solid waste regulations	273.18(h)	273.18(h)	X			
† TRACKING UNIVERSAL WASTE SHIPMENTS						
small quantity handlers are not required to keep records of universal waste shipments	273.19	273.19	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† EXPORTS						
a small quantity handler who sends universal waste to a foreign destination must:	273.20 intro	273.20 intro	X			
comply with the 262.53, 262.56(a)(1)-(4)&(6), 262.56(b), and 262.57 primary exporter requirements	273.20(a)	273.20(a)	X			
export only upon consent of the receiving country and in conformance with the EPA Acknowledgement of Consent	273.20(b)	273.20(b)	X			
provide a copy of the EPA Acknowledgement of Consent for the shipment to the transporter transporting the shipment for export	273.20(c)	273.20(c)	X			
SUBPART C--STANDARDS FOR LARGE QUANTITY HANDLERS OF UNIVERSAL WASTE						
† APPLICABILITY						
Part 273, Subpart C applies to large quantity handlers of universal waste	273.30	273.30	X			
† PROHIBITIONS						
a large quantity handler of universal waste is:	273.31 intro	273.31 intro	X			
prohibited from disposing of universal waste; and	273.31(a)	273.31(a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
prohibited from diluting or treating universal waste, except by responding to releases as per 273.37 or by managing a specific waste as provided in 273.33	273.31(b)	273.31(b)	X			
† NOTIFICATION						
except as provided in 273.32(a)(2)&(3), a large quantity handler must have sent written notification of universal waste management to the Regional Administrator and received an EPA identification number before meeting or exceeding the 5,000 kg storage limit [Note: If a State does not adopt the Revision Checklist 142C provisions, "and (3)" should be removed from the introductory clause of 273.32(a)(1).]	273.32(a)(1)	273.32(a)(1)	X			
a large quantity handler who has already notified EPA of hazardous waste activities and has an EPA identification number, is not required to re-notify	273.32(a)(2)	273.32(a)(2)	X			
what the notification must include:	273.32(b)	273.32(b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
the universal waste handler's name and mailing address	273.32(b)(1)	273.32(t)(1)	X			
the name and business telephone number of the person at the universal waste handler's site who should be contacted	273.32(b)(2)	273.32(t)(2)	X			
the address or physical location of the universal waste management activities	273.32(b)(3)	273.32(t)(3)	X			
a list of all the types of universal waste managed by the handler	273.32(b)(4)	273.32(t)(4)	X			
a statement that the handler is accumulating more than 5,000 kg of universal waste at one time and the type of waste accumulating above this quantity	273.32(b)(5)	273.32(t)(5)	X			
† LABELING/MARKING						
a large quantity handler of universal waste must label or mark the universal waste to identify the type of universal waste as specified in 273.34(a) through (d)	273.34 intro	273.34 intro	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
† ACCUMULATION TIME LIMITS						
one year accumulation period for large quantity handlers, unless 273.35(b) requirements are met	273.35(a)	273.35(a)	X			
an accumulation period longer than one year is allowed if activity is solely for the purpose of accumulating such quantities of universal wastes as necessary for proper recovery, treatment, or disposal; handler bears burden of proof	273.35(b)	273.35(b)	X			
large quantity handlers must be able to demonstrate the length of time the universal waste has been accumulated; this demonstration is made by:	273.35(c)	273.35(c)	X			
placing the universal waste in a container and marking or labeling with the earliest date that any universal waste in the container became a waste or was received	273.35(c)(1)	273.35(c)(1)	X			
marking or labeling the individual item of universal waste with the date it became a waste or was received	273.35(c)(2)	273.35(c)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
maintaining an inventory system on-site that identifies the date the universal waste became a waste or was received	273.35(c)(3)	273.35(c)(3)	X			
maintaining an inventory system on-site that identifies that earliest date that any universal waste in a group of universal waste items or a group of containers of universal waste became a waste or was received	273.35(c)(4)	273.35(c)(4)	X			
placing universal waste in a specific accumulation area and identifying the earliest date that any universal waste in area became a waste or was received	273.35(c)(5)	273.35(c)(5)	X			
any other method clearly demonstrating the length of time that the universal waste has been accumulated	273.35(c)(6)	273.35(c)(6)	X			
† EMPLOYEE TRAINING						
large quantity handlers must ensure that employees are thoroughly familiar with proper waste handling and emergency procedures	273.36	273.36	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† RESPONSE TO RELEASES						
a large quantity handler must immediately contain all releases of universal waste and other residues from universal wastes	273.37(a)	273.37(a)	x			
determine whether material resulting from the release is hazardous waste; if so, manage it in compliance with all applicable Part 260 through 272 requirements; the handler is considered the generator and subject to the Part 262 requirements	273.37(b)	273.37(b)	x			
† OFF-SITE SHIPMENTS						
large quantity handlers are prohibited from sending or taking universal waste to a place other than to another universal waste handler, a destination facility, or a foreign destination	273.38(a)	273.38(a)	x			
when a large quantity handler transports off-site, the handler becomes a universal waste transporter subject to the Part 273, Subpart D requirements while transporting the waste	273.38(b)	273.38(b)	x			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
if the universal waste being transported off-site meets 49 CFR Parts 171-180 definition of hazardous materials, large quantity handlers must follow DOT requirements for packaging, labeling, marking, placarding, and tracking	273.38(c)	273.38(c)	X			
prior to shipment from the originating handler, the receiving handler must agree to receipt of shipment	273.38(d)	273.38(d)	X			
if the receiving handler rejects the shipment, the originating handler must either:	273.38(e)	273.38(e)	X			
receive the waste back when notified that the shipment has been rejected, or	273.38(e)(1)	273.38(e)(1)	X			
agree with the receiving handler on a destination facility to which the shipment will be sent	273.38(e)(2)	273.38(e)(2)	X			
a large quantity handler can reject a universal waste shipment or a portion of a shipment; if rejected, the handler must notify the originating handler and either:	273.38(f)	273.38(f)	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
send the shipment back to the originating handler, or	273.38(f)(1)	273.38(f)(1)	X			
if agreed to by both the originating and receiving handler, send the shipment to a destination facility	273.38(f)(2)	273.38(f)(2)	X			
if large quantity handler receives a shipment containing hazardous waste that is not a universal waste, the handler must immediately notify EPA of the illegal shipment and provide the name, address, and phone number of the originating shipper; EPA will provide instructions for managing hazardous the waste	273.38(g)	273.38(g)	X			
if a large quantity handler receives a non-hazardous, non-universal waste shipment, the handler may manage the waste in any way that is in compliance with applicable Federal, State or local solid waste regulations	273.38(h)	273.38(h)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† TRACKING UNIVERSAL WASTE SHIPMENTS						
large quantity handlers must keep a record of each universal waste shipment received; what form the record can take; the record must include:	273.39(a)	273.39(a)	X			
name and address of originating handler or foreign shipper	273.39(a)(1)	273.39(a)(1)	X			
quantity of each type of universal waste received	273.39(a)(2)	273.39(a)(2)	X			
the date the shipment was received	273.39(a)(3)	273.39(a)(3)	X			
large quantity handlers must keep a record of each universal waste shipment sent from the handler to other facilities; what form the record can take; the record must include:	273.39(b)	273.39(b)	X			
name and address of the universal waste handler, destination facility, or foreign destination to whom the universal waste was sent	273.39(b)(1)	273.39(b)(1)	X			
quantity of each universal waste type sent	273.39(b)(2)	273.39(b)(2)	X			
the date the shipment left the facility	273.39(b)(3)	273.39(b)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
large quantity handlers must retain the 273.39(a) records for at least 3 years from the date of receipt of a shipment	273.39(c)(1)	273.39(c)(1)	X			
large quantity handlers must retain the 273.39(b) records for at least 3 years from the date a shipment left the facility	273.39(c)(2)	273.39(c)(2)	X			

† EXPORTS

a large quantity handler who sends universal waste to a foreign destination must:	273.40 intro	273.40 intro	X			
comply with the 262.53, 262.56(a)(1)-(4)&(6), 262.56(b), and 262.57 primary exporter requirements	273.40(a)	273.40(a)	X			
export only upon consent of the receiving country and in conformance with the EPA Acknowledgement of Consent as defined in 262, Subpart E	273.40(b)	273.40(b)	X			
provide a copy of the EPA Acknowledgement of Consent for the shipment to the transporter transporting the shipment for export	273.40(c)	273.40(c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

SUBPART D--STANDARDS FOR UNIVERSAL WASTE TRANSPORTERS

† APPLICABILITY

Part 273, Subpart D applies to universal waste transporters	273.50	273.50	X			
---	--------	--------	---	--	--	--

† PROHIBITIONS

a universal waste transporter is:	273.51 intro	273.51 intro	X			
prohibited from disposing of universal waste	273.51(a)	273.51(a)	X			
prohibited from diluting or treating universal waste, except by responding to releases as 273.54 provides	273.51(b)	273.51(b)	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
† WASTE MANAGEMENT						
universal waste transporters must comply with applicable 49 CFR Parts 171-180 DOT requirements for transport of any universal waste that meets the definition of hazardous material at 49 CFR 171.8; under the DOT regulations, a material is a hazardous waste if it is subject to the Part 262 hazardous waste manifest requirements; because universal waste does not require a hazardous waste manifest, it is not considered a hazardous waste under the DOT regulations	273.52(a)	273.52(a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
those universal wastes meeting the criteria for one or more hazard classes specified at 49 CFR 173.2 are regulated by DOT as hazardous materials; because universal waste shipments do not require a Part 262 manifest, they may not be described by the DOT proper shipping name "hazardous waste, (l) or (s), n.o.s.", nor may the hazardous material's proper shipping name be modified by adding the word "waste"	273.52(b)	273.52(t)	X			
† STORAGE TIME LIMITS						
universal waste transporters may store universal wastes at a universal waste transfer facility for 10 days or less	273.53(a)	273.53(a)	X			
if waste is stored longer than 10 days, the transporter becomes a universal waste handler and must comply with Part 273, Subparts B or C, as applicable	273.53(b)	273.53(t)	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
† RESPONSE TO RELEASES						
a universal waste transporter must immediately contain all releases of universal wastes and other residues from universal wastes	273.54(a)	273.54(a)	X			
a universal waste transporter must determine whether material resulting from release is hazardous and subject to Parts 260-272; if the waste is hazardous, the transporter is subject to Part 262	273.54(b)	273.54(b)	X			
† OFF-SITE SHIPMENTS						
universal waste transporters are prohibited from transporting universal waste to a place other than a universal waste handler, a destination facility or a foreign destination	273.55(a)	273.55(a)	X			
if universal waste meets DOT's definition of hazardous materials under 49 CFR 171.8, the shipment must be properly described on a shipping paper in accordance with 49 CFR Part 172	273.55(b)	273.55(b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST .142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

† EXPORTS

a universal waste transporter may not accept shipment to a foreign destination if it is known that the shipment does not conform with the EPA Acknowledgment of Consent; the transporter must also ensure:	273.56 intro	273.56 intro	X			
a copy of the EPA Acknowledgment of Consent accompanies the shipment	273.56(a)	273.56(a)	X			
the shipment is delivered to the facility designated by the person initiating the shipment	273.56(b)	273.56(b)	X			

SUBPART E--STANDARDS FOR DESTINATION FACILITIES

† APPLICABILITY

owner/operator of a destination facility is subject to all applicable requirements of Parts 264-270 and 124 and the RCRA §3010 notification requirements	273.60(a)	273.60(a)	X			
owner/operator of a destination facility who recycles without storing that universal waste must comply with 261.6(c)(2)	273.60(b)	273.60(b)	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† OFF-SITE SHIPMENTS						
owner/operator of a destination facility is prohibited from sending or taking universal waste to a place other than a universal waste handler, another destination facility or a foreign destination	273.61(a)	273.61(a)	X			
owner/operator of a destination facility may reject a universal waste shipment or a portion of a shipment; if rejected, the owner/operator must notify the shipper and either:	273.61(b)	273.61(b)	X			
send shipment back to the original shipper, or	273.61(b)(1)	273.61(b)(1)	X			
if agreed by both the shipper and the owner/operator, the shipment is sent to another destination facility	273.61(b)(2)	273.61(b)(2)	X			

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
if the owner/operator of a destination facility receives a shipment containing hazardous waste that is not a universal waste, owner/operator must immediately notify EPA of the illegal shipment and provide the name, address, and phone number of the originating shipper; EPA will provide instructions for managing the hazardous waste	273.61(c)	273.61(c)	X			
if non-hazardous, non-universal waste is received, the owner/operator may manage the waste in any that is in compliance with applicable Federal or State solid waste regulations	273.61(d)	273.61(d)	X			
† TRACKING UNIVERSAL WASTE SHIPMENTS						
owner/operator of a destination facility must keep a record of each shipment received; what form the record may take; the record should include:	273.62(a)	273.62(a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
name and address of the universal waste handler, destination facility, or foreign shipper from whom the universal waste was sent	273.62(a)(1)	273.62(a)(1)	X			
quantity of each universal waste type received	273.62(a)(2)	273.62(a)(2)	X			
the date the shipment was received	273.62(a)(3)	273.62(a)(3)	X			
273.62(a) records must be retained for at least three years from the date of receipt of shipment of universal waste	273.62(b)	273.62(b)	X			

SUBPART F--IMPORT REQUIREMENTS

† IMPORTS

persons managing imported universal waste are subject to Part 273, Subpart F requirements immediately after the waste enters the U.S.	273.70 intro	273.70 intro	X			
universal waste transporters are subject to the Part 273, Subpart D requirements	273.70(a)	273.70(a)	X			
universal waste handlers are subject to the small or large quantity waste handler requirements in Part 273, Subparts B or C	273.70(b)	273.70(b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 A: Universal Waste;
General Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
owners/operators of destination facilities are subject to the Part 273, Subpart E requirements	273.70(c)	273.70(c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 B

Universal Waste Rule: Specific Provisions for Batteries
 60 FR 25492-25551
 May 11, 1995
 (RCRA Cluster V, non-HSWA provisions)

Note: This checklist, which addresses the specific universal waste provisions for batteries, is one of five revision checklists developed for the Universal Waste Rule. To be authorized for this checklist, a State must also be authorized for Revision Checklist 142 A which addresses the general universal waste provisions.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 260--HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B--DEFINITIONS						
† DEFINITIONS						
add "Battery"	260.10	260.10	X			
to definition of "Universal Waste" add subparagraph addressing batteries	260.10	260.10	X			
PART 261--IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A--GENERAL						
† REQUIREMENTS FOR RECYCLABLE MATERIALS						
remove old 261.6(a)(3)(ii) and redesignate old 261.6(a)(3)(iii) as 261.6(a)(3)(ii)	261.6(a)(3)(ii)	261.6(a)(3)(ii)	X			
redesignate old 261.6(a)(3)(iv)-(vii) as 261.6(a)(3)(iii)-(vi)	261.6(a)(3)(iii)-(vi)	261.6(a)(3)(iii)-(vi)	X			
† REQUIREMENTS FOR UNIVERSAL WASTE						
add paragraph addressing batteries	261.9(a)	261.9(a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 264--STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

add subparagraph addressing batteries	264.1(g)(11)(i)	264.1(g)(11)(i)	X			
---------------------------------------	-----------------	-----------------	---	--	--	--

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

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

add subparagraph addressing batteries	265.1(c)(14)(i)	265.1(c)(14)(i)	X			
---------------------------------------	-----------------	-----------------	---	--	--	--

PART 266--STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

SUBPART G--SPENT LEAD ACID BATTERIES BEING RECLAIMED

† APPLICABILITY AND REQUIREMENTS

insert "(including regeneration)" after "persons who reclaim" in the first sentence; insert "who regenerate spent batteries," after "or collect spent batteries,"; insert "(other than spent batteries that are to be regenerated)" after "but do not reclaim them"	266.80(a)	266.80(a)	X			
---	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
insert "lead-acid" after "that store spent"; insert "(other than spent batteries that are to be regenerated)" after "before reclaiming"	266.80(b) intro	266.80(b) intro	X			
PART 268--LAND DISPOSAL RESTRICTIONS						
SUBPART A--GENERAL						
† PURPOSE, SCOPE AND APPLICABILITY						
add subparagraph addressing batteries	268.1(f)(1)	268.1(f)(1)	X			
PART 270--EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE PERMIT PROGRAM						
SUBPART A--GENERAL INFORMATION						
† PURPOSE AND SCOPE OF THESE REGULATIONS						
add subparagraph addressing batteries	270.1(c)(2)(viii)(A)	270.1(c)(2)(viii)(A)	X			
PART 273--STANDARDS FOR UNIVERSAL WASTE MANAGEMENT						
SUBPART A--GENERAL						
† SCOPE						
add subparagraph addressing batteries	273.1(a)(1)	273.1(a)(1)	X			
† APPLICABILITY--BATTERIES						
requirements of Part 273 apply to persons managing 273.6 batteries, except those in 273.2(b) list	273.2(a)(1)	273.2(a)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
spent lead-acid batteries not managed under Part 266, Subpart G are subject to management under Part 273	273.2(a)(2)	273.2(a)(2)	X			
requirements of Part 273 do not apply to persons managing the following batteries:	273.2(b)	273.2(b)	X			
spent lead-acid batteries managed under Part 266, Subpart G	273.2(b)(1)	273.2(b)(1)	X			
batteries, as described in 273.6, that are not yet hazardous waste under Part 261, including those that do not meet the criteria for waste generation in 273.2(c)	273.2(b)(2)	273.2(b)(2)	X			
batteries, as described in 273.6, that are not hazardous waste; a hazardous waste only if it exhibits one or more of the characteristics of a hazardous waste	273.2(b)(3)	273.2(b)(3)	X			
a used battery becomes a waste on the date it is discarded	273.2(c)(1)	273.2(c)(1)	X			
an unused battery becomes a waste on the date the handler decides to discard it	273.2(c)(2)	273.2(c)(2)	X			
† DEFINITIONS						
add "Battery"	273.6	273.6	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
add a subparagraph addressing batteries to the definition of "Universal Waste"	273.6	273.6	X			

SUBPART B--STANDARDS FOR SMALL QUANTITY HANDLERS OF UNIVERSAL WASTE

† WASTE MANAGEMENT

small quantity handlers of universal waste must manage waste batteries to prevent release	273.13(a)	273.13(a)	X			
contain any universal waste battery that shows evidence of leakage, spillage, or damage; container must be closed, structurally sound, compatible, and lack evidence of leakage, spillage or damage that could cause a leak	273.13(a)(1)	273.13(a)(1)	X			
activities that may be conducted as long as the casing of each battery is not breached and remains intact and closed, except for electrolyte removal	273.13(a)(2)	273.13(a)(2)	X			
sorting batteries by type	273.13(a)(2)(i)	273.13(a)(2)(i)	X			
mixing batteries by type	273.13(a)(2)(ii)	273.13(a)(2)(ii)	X			
discharging batteries so as to remove the electric charge	273.13(a)(2)(iii)	273.13(a)(2)(iii)	X			
regenerating used batteries	273.13(a)(2)(iv)	273.13(a)(2)(iv)	X			

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
disassembling batteries or battery packs into individual batteries or cells	273.13(a)(2)(v)	273.13(a)(2)(v)	X			
removing batteries from consumer products	273.13(a)(2)(vi)	273.13(a)(2)(vi)	X			
removing electrolyte from batteries	273.13(a)(2)(vii)	273.13(a)(2)(vii)	X			
resulting electrolyte and other solid wastes must be tested to determine if they exhibit a hazardous waste characteristic	273.13(a)(3)	273.13(a)(3)	X			
if a characteristic is exhibited, the electrolyte and/or solid waste is subject to Parts 260 through 272; the handler is considered a hazardous waste generator	273.13(a)(3)(i)	273.13(a)(3)(i)	X			
if not hazardous, then handler may manage the waste in any way that is in compliance with applicable Federal, State or local solid waste regulations	273.13(a)(3)(ii)	273.13(a)(3)(ii)	X			

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

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

† LABELING/MARKING

each battery, or a container in which the batteries are contained, must be labeled or marked clearly with "Universal Waste-- Battery(ies)" or "Waste Battery(ies)" or "Used Battery(ies)"	273.14(a)	273.14(a)	X			
---	-----------	-----------	---	--	--	--

SUBPART C--STANDARDS FOR LARGE QUANTITY HANDLERS OF UNIVERSAL WASTE

† WASTE MANAGEMENT

large quantity handlers of universal waste must manage waste batteries to prevent release	273.33(a)	273.33(a)	X			
contain any universal waste battery that shows evidence of leakage, spillage, or damage; container must be closed, structurally sound, compatible, and lack evidence of leakage, spillage or damage that could cause a leak	273.33(a)(1)	273.33(a)(1)	X			
activities that may be conducted as long as the casing of each battery is not breached and remains intact and closed, except for electrolyte removal	273.33(a)(2)	273.33(a)(2)	X			
sorting batteries by type	273.33(a)(2)(i)	273.33(a)(2)(i)	X			
mixing batteries by type	273.33(a)(2)(ii)	273.33(a)(2)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
discharging batteries so as to remove the electric charge	273.33(a)(2)(iii)	273.33(a)(2)(iii)	X			
regenerating used batteries	273.33(a)(2)(iv)	273.33(a)(2)(iv)	X			
disassembling batteries or battery packs into individual batteries or cells	273.33(a)(2)(v)	273.33(a)(2)(v)	X			
removing batteries from consumer products	273.33(a)(2)(vi)	273.33(a)(2)(vi)	X			
removing electrolyte from batteries	273.33(a)(2)(vii)	273.33(a)(2)(vii)	X			
resulting electrolyte and other solid wastes must be tested to determine if they exhibit a hazardous waste characteristic	273.33(a)(3)	273.33(a)(3)	X			
if a characteristic is exhibited, the electrolyte and/or solid waste is subject to Parts 260 through 272; the handler is considered a hazardous waste generator	273.33(a)(3)(i)	273.33(a)(3)(i)	X			
if not hazardous, then handler may manage the waste in any way that is in compliance with applicable Federal, State or local solid waste regulations	273.33(a)(3)(ii)	273.33(a)(3)(ii)	X			

RCRA REVISION CHECKLIST 142 B: Universal Waste Rule;
Specific Provisions for Batteries (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† LABELING/MARKING						
each battery, or a container or tank in which the batteries are contained, must be labeled or marked clearly with "Universal Waste--Battery(ies)" or "Waste Battery(ies)" or "Used Battery(ies)"	273.34(a)	273.34(a)	✓			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 C

Universal Waste Rule: Specific Provisions for Pesticides
 60 FR 25492-25551
 May 11, 1995
 (RCRA Cluster V, non-HSWA provisions)

Note: This checklist, which addresses the specific universal waste provisions for pesticides, is one of five revision checklists developed for the Universal Waste Rule. To be authorized for this checklist, a State must also be authorized for Revision Checklist 142 A which addresses the general universal waste provisions.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 260--HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B--DEFINITIONS						
† DEFINITIONS						
add "Pesticide"	260.10	260.10	X			
to definition of "Universal Waste", add subparagraph addressing pesticides	260.10	260.10	X			
PART 261--IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A--GENERAL						
† REQUIREMENTS FOR UNIVERSAL WASTE						
add paragraph addressing pesticides	261.9(b)	261.9(b)	X			
PART 264--STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES						
SUBPART A--GENERAL						
† PURPOSE, SCOPE AND APPLICABILITY						
add subparagraph addressing pesticides	264.1(g)(11)(ii)	264.1(g)(11)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

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

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

add subparagraph addressing pesticides	265.1(c)(14)(ii)	265.1(c)(4)(ii)	X			
--	------------------	-----------------	---	--	--	--

PART 268--LAND DISPOSAL RESTRICTIONS

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

add subparagraph addressing pesticides	268.1(f)(2)	268.1(f)(2)	X			
--	-------------	-------------	---	--	--	--

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

SUBPART A--GENERAL INFORMATION

† PURPOSE AND SCOPE OF THESE REGULATIONS

add subparagraph addressing pesticides	270.1(c)(2)(viii)(B)	270.1(c)(2)(viii)(B)	X			
--	----------------------	----------------------	---	--	--	--

PART 273--STANDARDS FOR UNIVERSAL WASTE MANAGEMENT

SUBPART A--GENERAL

† SCOPE

add subparagraph addressing pesticides	273.1(a)(2)	273.1(a)(2)	X			
--	-------------	-------------	---	--	--	--

† APPLICABILITY--PESTICIDES

requirements of Part 273 apply to persons managing 273.6 pesticides, except those in 273.3(b) list	273.3(a)	273.3(a)	X			
recalled pesticides that are:	273.3(a)(1)	273.3(a)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
stocks of suspended and cancelled pesticides as per FIFRA §19(b), including, but not limited to those owned by the registrant responsible for conducting the recall	273.3(a)(1)(i)	273.3(a)(1)(i)	X			
stocks of suspended and cancelled pesticides, or pesticides not in compliance with FIFRA, that are part of a voluntary recall by the registrant	273.3(a)(1)(ii)	273.3(a)(1)(ii)	X			
stocks of other unused pesticide products collected and managed as part of a waste pesticide collection program	273.3(a)(2)	273.3(a)(2)	X			
requirements of Part 273 do not apply to persons managing the following pesticides:	273.3(b)	273.3(b)	X			
recalled 273.3(a)(1)&(2) pesticides managed by farmers in compliance with 262.70	273.3(b)(1)	273.3(b)(1)	X			
pesticides not meeting the 273.3(a) conditions; these pesticides must be managed in compliance with Parts 260 through 272	273.3(b)(2)	273.3(b)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
pesticides that are not wastes under Part 261, including those that do not meet the 273.3(c) criteria for waste generation or those that are not 273.3(d) wastes	273.3(b)(3)	273.3(b)(3)	X			
pesticides that are not hazardous waste (i.e., is not listed nor exhibits a characteristic)	273.3(b)(4)	273.3(b)(4)	X			
a recalled 273.3(a)(1) pesticide becomes a waste on the first date on which both of the following conditions apply:	273.3(c)(1)	273.3(c)(1)	X			
the generator of the recalled pesticide agrees to participate in the recall	273.3(c)(1)(i)	273.3(c)(1)(i)	X			
the person conducting the recall decides to discard (e.g., burn the pesticide for energy recovery)	273.3(c)(1)(ii)	273.3(c)(1)(ii)	X			
an unused pesticide product described in 273.3(a)(2) becomes a waste on the date the generator decides to discard it	273.3(c)(2)	273.3(c)(2)	X			
pesticides that are not wastes:	273.3(d)	273.3(d)	X			
recalled 273.3(a)(1) pesticides, provided that the person conducting the recall:	273.3(d)(1)	273.3(d)(1)	X			

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
has not made a decision to discard the pesticide; until decision is met, it does not meet the definition of "solid waste"; pesticide remains subject to FIFRA	273.3(d)(1)(i)	273.3(d)(1)(i)	X			
has made the decision to use a management option under 261.2 that does not cause the pesticide to be a solid waste and, therefore, not a hazardous waste; this pesticide, including a recalled pesticide exported to a foreign destination for reuse, remains subject to FIFRA	273.3(d)(1)(ii)	273.3(d)(1)(ii)	X			
unused pesticide products described in 273.3(a)(2), if the generator has not decided to discard them. These pesticides remain subject to FIFRA	273.3(d)(2)	273.3(d)(2)	X			

† DEFINITIONS

add "FIFRA"	273.6	273.6	X			
add "Pesticide"	273.6	273.6	X			
add a subparagraph addressing pesticides to the definition of "Universal Waste"	273.6	273.6	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

SUBPART B--STANDARDS FOR SMALL QUANTITY HANDLERS OF UNIVERSAL WASTE

† WASTE MANAGEMENT

small quantity handlers of universal waste must manage waste pesticides to prevent release; universal waste pesticide must be contained in one or more of the following:	273.13(b)	273.13(b)	X			
a container that remains closed, structurally sound, compatible with the pesticide, and lacks evidence of leakage, spillage, or damage that could cause a leak	273.13(b)(1)	273.13(b)(1)	X			
a container that does not meet the requirements of 273.13(b)(1), provided that the unacceptable container is overpacked in a container that meets the 273.13(b)(1) requirements	273.13(b)(2)	273.13(b)(2)	X			
a tank meeting the Part 265, Subpart J requirements (except for 265.197(c), 265.200 and 265.201)	273.13(b)(3)	273.13(b)(3)	X			
a transport vehicle or vessel that is closed, structurally sound, compatible with the pesticide, and that lacks evidence of leakage, spillage, or damage that could cause a leak	273.13(b)(4)	273.13(b)(4)	X			

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† LABELING/MARKING						
for recalled 273.3(a)(1) pesticides, the container (or multiple container unit), tank, transport vehicle or vessel must be labeled/marked with:	273.14(b)	273.14(b)	X			
the label that was on or accompanied the product as sold or distributed	273.14(b)(1)	273.14(b)(1)	X			
the words "Universal Waste-Pesticide(s)" or "Waste-Pesticide(s)"	273.14(b)(2)	273.14(b)(2)	X			
for unused 273.3(a)(2) pesticides, the container, tank or transport vehicle or vessel must be labeled/marked with:	273.14(c)	273.14(c)	X			
the label that was on the product when purchased, if still legible	273.14(c)(1)(i)	273.14(c)(1)(i)	X			
if 273.14(c)(1)(i) labeling not feasible, then the appropriate label as required under 49 CFR Part 172	273.14(c)(1)(ii)	273.14(c)(1)(ii)	X			
if 273.14(c)(1)(i) or (ii) labeling not feasible, then another label prescribed or designated by the waste pesticide collection program administered or recognized by a State	273.14(c)(1)(iii)	273.14(c)(1)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
the words "Universal Waste-Pesticide(s)" or "Waste-Pesticide(s)"	273.14(c)(2)	273.14(c)(2)	X			

SUBPART C--STANDARDS FOR LARGE QUANTITY HANDLERS OF UNIVERSAL WASTE

† NOTIFICATION

this paragraph should be adopted as part of Revision Checklist 142A; because Revision Checklist 142C is also being adopted, the first part of the first sentence should read: "Except as provided in paragraphs (a)(2) and (3)"	273.32(a)(1)	273.32(a)(1)	X			
a large quantity handler of 273.3(a)(1) recalled pesticides who has send EPA notification as per 40 CFR 165 is not required to notify under 273.32 for those recalled universal wastes	273.32(a)(3)	273.32(a)(3)	✓			

† WASTE MANAGEMENT

large quantity handlers of universal waste must manage waste pesticides to prevent release; universal waste pesticide must be contained in one or more of the following:	273.33(b)	273.33(b)	α			
--	-----------	-----------	---	--	--	--

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
a container that remains closed, structurally sound, compatible with the pesticide, and lacks evidence of leakage, spillage, or damage that could cause a leak	273.33(b)(1)	273.33(b)(1)	X			
a container that does not meet the requirements of 273.33(b)(1), provided that the unacceptable container is overpacked in a container that meets the 273.33(b)(1) requirements	273.33(b)(2)	273.33(b)(2)	X			
a tank meeting the Part 265, Subpart J requirements (except for 265.197(c), 265.200 and 265.201); or	273.33(b)(3)	273.33(b)(3)	X			
a transport vehicle or vessel that is closed, structurally sound, compatible with the pesticide, and that lacks evidence of leakage, spillage, or damage that could cause a leak	273.33(b)(4)	273.33(b)(4)	X			
† LABELING/MARKING						
for recalled 273.3(a)(1) pesticides, the container (or multiple container unit), tank, transport vehicle or vessel must be labeled/marked with:	273.34(b)	273.34(b)	X			

RCRA REVISION CHECKLIST 142 C: Universal Waste Rule;
Specific Provisions for Pesticides (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
the label that was on or accompanied the product as sold or distributed	273.34(b)(1)	273.34(b)(1)	x			
the words "Universal Waste--Pesticide(s)" or "Waste--Pesticide(s)"	273.34(b)(2)	273.34(b)(2)	x			
for unused 273.3(a)(2) pesticides, the container, tank or transport vehicle or vessel must be labeled/marked with:	273.34(c)	273.34(c)	x			
the label that was on the product when purchased, if still legible	273.34(c)(1)(i)	273.34(c)(1)(i)	x			
if 273.34(c)(1)(i) labeling not feasible, then the appropriate label as required under 49 CFR Part 172	273.34(c)(1)(ii)	273.34(c)(1)(ii)	x			
if 273.34(c)(1)(i) or (ii) labeling not feasible, then another label prescribed or designed by the pesticide collection program	273.34(c)(1)(iii)	273.34(c)(1)(iii)	x			
the words "Universal Waste--Pesticide(s)" or "Waste--Pesticide(s)"	273.34(c)(2)	273.34(c)(2)	x			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D

Universal Waste Rule: Specific Provisions for Thermostats
 60 FR 25492-25551
 May 11, 1995
 (RCRA Cluster V, non-HSWA provisions)

Note: This checklist, which addresses the specific universal waste provisions for thermostats, is one of five revision checklists developed for the Universal Waste Rule. To be authorized for this checklist, a State must also be authorized for Revision Checklist 142 A which addresses the general universal waste provisions.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 260--HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B--DEFINITIONS

† DEFINITIONS

add "Thermostat"	260.10	260.10	X			
to definition of "Universal Waste" add subparagraph addressing thermostats	260.10	260.10	X			

PART 261--IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A--GENERAL

† REQUIREMENTS FOR UNIVERSAL WASTE

add paragraph addressing thermostats	261.9(c)	261.9(c)	X			
--------------------------------------	----------	----------	---	--	--	--

PART 264--STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

add subparagraph addressing thermostats	264.1(g)(11)(iii)	264.1(g)(11)(iii)	X			
---	-------------------	-------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

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

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

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

add subparagraph addressing thermostats	265.1(c)(14)(iii)	265.1(c)(14)(iii)	✓			
---	-------------------	-------------------	---	--	--	--

PART 268--LAND DISPOSAL RESTRICTIONS

SUBPART A--GENERAL

† PURPOSE, SCOPE AND APPLICABILITY

add subparagraph addressing thermostats	268.1(f)(3)	268.1(f)(3)	✓			
---	-------------	-------------	---	--	--	--

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

SUBPART A--GENERAL INFORMATION

† PURPOSE AND SCOPE OF THESE REGULATIONS

add subparagraph addressing thermostats	270.1(c)(2)(viii)(C)	270.1(c)(2)(viii)(C)	✓			
---	----------------------	----------------------	---	--	--	--

PART 273--STANDARDS FOR UNIVERSAL WASTE MANAGEMENT

SUBPART A--GENERAL

† SCOPE

add subparagraph addressing thermostats	273.1(a)(3)	273.1(a)(3)	✓			
---	-------------	-------------	---	--	--	--

† APPLICABILITY--MERCURY THERMOSTATS

requirements of Part 273 apply to persons managing 273.6 thermostats, except those in 273.4(b) list	273.4(a)	273.4(a)	✓			
---	----------	----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
requirements of Part 273 do not apply to persons managing the following thermostats:	273.4(b)	273.4(b)	X			
thermostats not yet wastes under Part 261; 273.4(c) describes when a thermostat becomes a waste	273.4(b)(1)	273.4(b)(1)	X			
thermostats that are not hazardous waste (i.e., they do not exhibit a characteristic)	273.4(b)(2)	273.4(b)(2)	X			
a used thermostat becomes a waste on the date it is discarded	273.4(c)(1)	273.4(c)(1)	X			
an unused thermostat becomes a waste on the date handler decides to discard it	273.4(c)(2)	273.4(c)(2)	X			

† DEFINITIONS

add "Thermostat"	273.6	273.6	X			
add a subparagraph addressing thermostats to the definition of "Universal Waste"	273.6	273.6	X			

SUBPART B--STANDARDS FOR SMALL QUANTITY HANDLERS OF UNIVERSAL WASTE

† WASTE MANAGEMENT

small quantity handler must manage universal waste thermostats to prevent releases	273.13(c)	273.13(c)	X			
--	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
contain any universal waste thermostat that shows evidence of leakage, spillage, or damage; container must be closed, structurally sound, compatible, and lack evidence of leakage, spillage or damage that could cause a leak	273.13(c)(1)	273.13(c)(1)	X			
a small quantity handler of universal waste may remove mercury-constraining ampules from universal waste thermostats provided the handler:	273.13(c)(2)	273.13(c)(2)	X			
removes the ampules in a manner designed to prevent breakage of the ampules	273.13(c)(2)(i)	273.13(c)(2)(i)	X			
removes ampules only over or in a containment device	273.13(c)(2)(ii)	273.13(c)(2)(ii)	X			
ensures that a mercury clean-up system is readily available to immediately transfer any mercury resulting from spills or leaks from broken ampules, from the containment device to a container that meets 262.34 requirements	273.13(c)(2)(iii)	273.13(c)(2)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
immediately transfers any mercury resulting from spills or leaks from broken ampules from the containment device to a container that meets 262.34 requirements	273.13(c)(2)(iv)	273.13(c)(2)(iv)	X			
ensures that the area where ampules are removed is well ventilated and monitored to ensure compliance with applicable OSHA mercury exposure levels	273.13(c)(2)(v)	273.13(c)(2)(v)	X			
ensures that employees are thoroughly familiar with mercury handling and emergency procedures including transfer of mercury from containment devices to appropriate containers	273.13(c)(2)(vi)	273.13(c)(2)(vi)	X			
1 stores removed ampules in closed, non-leaking containers that are in good condition; and	273.13(c)(2)(vii)	273.13(c)(2)(vii)	X			
1 packs removed ampules in the container with packing materials adequate to prevent breakage	273.13(c)(2)(viii)	273.13(c)(2)(viii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
a small quantity handler who removes mercury-containing ampules from thermostats must determine whether the following exhibit a hazardous waste characteristic	273.13(c)(3)(i)	273.13(c)(3)(i)	X			
mercury or clean-up residues resulting from spills or leaks; and/or	273.13(c)(3)(i)(A)	273.13(c)(3)(i)(A)	X			
other solid waste generated as result of removing mercury-containing ampules	273.13(c)(3)(i)(B)	273.13(c)(3)(i)(B)	X			
if a characteristic is exhibited, the mercury, residues and/or solid waste is subject to Parts 260 through 272; the handler is considered a hazardous waste generator	273.13(c)(3)(ii)	273.13(c)(3)(ii)	X			
if not hazardous, then handler may manage the mercury, residues and/or solid waste in any way that is in compliance with applicable Federal, State or local solid waste regulations	273.13(c)(3)(iii)	273.13(c)(3)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

† LABELING/MARKING

universal waste thermostats, or a container in which the thermostats are contained, must be labeled or marked clearly with "Universal Waste--Mercury Thermostat(s)" or "Waste Mercury Thermostat(s)" or "Used Mercury Thermostat(s)"	273.14(d)	273.14(d)	X			
--	-----------	-----------	---	--	--	--

SUBPART C--STANDARDS FOR LARGE QUANTITY HANDLERS OF UNIVERSAL WASTE

† WASTE MANAGEMENT

large quantity handler must manage universal waste thermostats to prevent releases	273.33(c)	273.33(c)	X			
contain any universal waste thermostat that show evidence of leakage, spillage, or damage; container must be closed, structurally sound, compatible, and lack evidence of leakage, spillage or damage that could cause a leak	273.33(c)(1)	273.33(c)(1)	X			
a large quantity handler of universal waste may remove mercury-constraining ampules from universal waste thermostats provided the handler:	273.33(c)(2)	273.33(c)(2)	X			

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
removes the ampules in a manner designed to prevent breakage of the ampules	273.33(c)(2)(i)	273.33(c)(2)(i)	X			
removes ampules only over or in a containment device	273.33(c)(2)(iii)	273.33(c)(2)(i)	X			
ensures that a mercury clean-up system is readily available to immediately transfer any mercury resulting from spills or leaks from broken ampules, from the containment device to a container that meets 262.34 requirements	273.33(c)(2)(iii)	273.33(c)(2)(iii)	X			
immediately transfers any mercury resulting from spills or leaks from broken ampules from the containment device to a container that meets 262.34 requirements	273.33(c)(2)(iv)	273.33(c)(2)(iv)	X			
ensures that the area where ampules are removed is well ventilated and monitored to ensure compliance with applicable OSHA mercury exposure levels	273.33(c)(2)(v)	273.33(c)(2)(v)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
ensures that employees are thoroughly familiar with mercury handling and emergency procedures including transfer of mercury from containment devices to appropriate containers	273.33(c)(2)(vi)	273.33(c)(2)(vi)	X			
2 stores removed ampules in closed, non-leaking containers that are in good condition; and	273.33(c)(2)(vii)	273.33(c)(2)(vii)	X			
2 packs removed ampules in the container with packing materials adequate to prevent breakage	273.33(c)(2)(viii)	273.33(c)(2)(viii)	X			
a large quantity handler who removes mercury-containing ampules from thermostats must determine whether the following exhibit a hazardous waste characteristic	273.33(c)(3)(i)	273.33(c)(3)(i)	X			
mercury or clean-up residues resulting from spills or leaks	273.33(c)(3)(i)(A)	273.33(c)(3)(i)(A)	X			
other solid waste generated as result of removing mercury-containing ampules	273.33(c)(3)(i)(B)	273.33(c)(3)(i)(B)	X			

RCRA REVISION CHECKLIST 142 D: Universal Waste Rule;
Specific Provisions for Thermostats (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if a characteristic is exhibited, the mercury, residues and/or solid waste is subject to Parts 260 through 272; the handler is considered a hazardous waste generator	273.33(c)(3)(ii)	273.33(c)(3)(ii)	X			
if not hazardous, then handler may manage the mercury, residues and/or solid waste in any way that is in compliance with applicable Federal, State or local solid waste regulations	273.33(c)(3)(iii)	273.33(c)(3)(iii)	X			
† LABELING/MARKING						
universal waste thermostats or container in which the thermostats are contained must be labeled or marked clearly with "Universal Waste--Mercury Thermostat(s)" or "Waste Mercury Thermostat(s)" or "Used Mercury Thermostat(s)"	273.34(d)	273.34(d)	X			

- 1 Note, there is an error in the Federal Register article for this checklist. The "and" found at the end of 273.13(c)(2)(viii) should be at the end of 273.13(c)(2)(vii).
- 2 Note, there is an error in the Federal Register article for this checklist. The "and" found at the end of 273.33(c)(2)(viii) should be at the end of 273.33(c)(2)(vii).

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 E

Universal Waste Rule: Petition Provisions
 to Add a New Universal Waste
 60 FR 25492-25551
 May 11, 1995
 (RCRA Cluster V, non-HSWA provisions)

Note: 1) This revision checklist, addressing petitions to add additional universal wastes, is one of five checklists developed for the Universal Waste Rule. To be authorized for this checklist, a State must also be authorized for Revision Checklist 142 A.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 260--HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART C--RULEMAKING PETITIONS						
† GENERAL						
change "and 268" to ", 268 and 273"; insert "of this chapter" after "265"; insert "or waste-derived material" after "to exclude a waste"; add "of this chapter" after "subpart D of part 261"; add a new sentence at the end of the paragraph regarding the 260.23 provisions	260.20(a)	260.20(a)	X			
† PETITIONS TO AMEND 40 CFR PART 273 TO INCLUDE ADDITIONAL HAZARDOUS WASTES						
persons seeking to add a hazardous waste or a category to Part 273 universal waste provisions, may petition under 260.20, 260.23 and Part 273, Subpart G	260.23(a)	260.23(a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 E: Universal Waste Rule;
Petition Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
what the petitioner must demonstrate to be successful; petition must include 260.20(b) information; petition must address 273.81 factors	260.23(b)	260.23 (b)	X			
Administrator will use 273.81 factors to evaluate and decide; factors on which the decision will be based	260.23(c)	260.23 (c)	X			
Administrator may request additional information	260.23(d)	260.23 (d)	X			

PART 273--STANDARDS FOR UNIVERSAL WASTE MANAGEMENT

SUBPART G--PETITIONS TO INCLUDE OTHER WASTES UNDER 40 CFR PART 273

† GENERAL

persons seeking to add a hazardous waste or a category, may petition under 260.20, 260.23, and Part 273, Subpart G.	273.80(a)	273.80(a)	X			
what the petitioner must demonstrate to be successful; petition must include the 260.20(b) information; 273.81 factors	273.80(b)	273.80 (b)	X			
Administrator will use the 273.81 factors to evaluate and decide; factors on which the decision will be based	273.80(c)	273.80(c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 E: Universal Waste Rule;
Petition Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

† FACTORS FOR PETITIONS TO INCLUDE OTHER WASTES UNDER 40 CFR PART 273

waste or waste category, as generated by a wide variety of generators, is a listed waste or, if not listed, a proportion of the waste stream exhibits one or more of the 261, Subpart C hazardous waste characteristics; how the definition of universal waste is amended when a characteristic waste is added; only that portion of the waste stream exhibiting one or more characteristics (i.e., is a hazardous waste) is subject to Part 273	273.81(a)	273.81(a)	X			
waste or waste category is not exclusive to a specific industry or group of industries and is commonly generated by a wide variety of establishments	273.81(b)	273.81(b)	X			
waste or waste category is generated by a large number of generators and is frequently generated in small quantities by each generator	273.81(c)	273.81(c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 142 E: Universal Waste Rule;
Petition Provisions (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
collection systems for waste or waste category would ensure close stewardship of the waste	273.81(d)	273.81(d)	X			
low risk posed by accumulation and transport of waste or waste category; specific proposed management standards would be protective of human health and the environment during accumulation and transport	273.81(e)	273.81(e)	X			
Part 273 regulation of waste or waste category will increase the likelihood that the waste will be diverted from non-hazardous waste management systems to recycling, treatment, or disposal in compliance with RCRA Subtitle C	273.81(f)	273.81(f)	X			
Part 273 regulation will improve implementation and compliance with hazardous waste regulatory program	273.81(g)	273.81(g)	X			
such other factors as may be appropriate	273.81(h)	273.81(h)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 144

Removal of Legally Obsolete Rules
 60 FR 33912-33915
 June 29, 1995

(RCRA Cluster V, Both HSWA and Non-HSWA provisions)

Note: This rule removes Part 267. However, this part has never been required for authorization and, therefore, if a State has an analog to Part 267 in its code, it should be removed, as should all references to it. Note the rule addressed by this checklist omitted removing internal references to Part 267. Places where these references occur include: the 270.1(a)(2) table, 270.1(a)(3), and 270.31(c). (Analog to the 270.1(a)(2) table and 270.1(a)(3) are not required for authorization, but some States do include these provisions in their regulations.)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTES

HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES

1 remove footnote 1	261.31(a)	NOT ADOPTED	X			
---------------------	-----------	-------------	---	--	--	--

PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

SUBPART H - HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES

INTERIM STATUS STANDARDS FOR BURNERS

delete the last sentence	266.103(c)(5)	266.103(c)(5)	X			
remove old 266.104(f) and redesignate 266.104(g) as 266.104(f)	266.104(f)	266.104(f)	X			
redesignate old 266.104(g)-(i) as 266.104(f)-(h)	266.104(g)	266.104(g)	X			
	266.104(h)	266.104(h)	X			

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

SUBPART A - GENERAL INFORMATION

DEFINITIONS

"Interim authorization": replace "3006(c)" with	270.2					
---	-------	--	--	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 144: Removal of Legally Obsolete Rules (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE AN ALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
"3006(g)(2)"						
remove definitions of "Phase I" and "Phase II"	270.2					

SUBPART B - PERMIT APPLICATION

GENERAL APPLICATION REQUIREMENTS

remove "At any time after promulgation of Phase II"; replace "the owner and operator" with "The owner or operator"; replace the three occurrences of "HWM" with "hazardous waste management"; remove "authorization for Phase II"	270.10(e)(4)	122.10(e)(4)	X			
replace the two occurrences of "HWM" with "hazardous waste management"; replace "Phase II interim" with "interim or final"; remove "or final authorization"	270.10(f)(2)	122.10(f)(2)	X			
replace "HWM" with "hazardous waste management"	270.10(g)(1)	122.10(g)(1)	X			
remove comma after "Administrator"; remove "for phase II"; remove comma after "storing"	270.10(g)(1)(i)	NOT ADOPTED			X	
remove "Phase II"; remove comma after "storing"	270.10(g)(1)(ii)	122.10(g)(1)(ii)	X			
remove " for Phase II" in the first sentence; remove "Phase II" in the second sentence	270.10(g)(1)(iii)	122.10(g)(1)(iii)	X			

RCRA REVISION CHECKLIST 144: Removal of Legally Obsolete Rules (cont'd)

1

Note that this footnote was removed by Revision Checklist 120 (December 24, 1992; 57 FR 61492), but this change was not included in the July 1, 1993 CFR as it should have been. This error was carried over into the July 1, 1994 CFR. The rule addressed by Revision Checklist 144 corrects the CFR error.

261.31(a) - The Footnote #1 was added by CL91. The state did not adopt this checklist. Δ the state is equivalent.

RCRA REVISION CHECKLIST 145

Liquids in Landfills III

60 FR 35703-35706

July 11, 1995

(RCRA Cluster VI, 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 N - LANDFILLS

† SPECIAL REQUIREMENTS FOR BULK AND CONTAINERIZED LIQUIDS

replace the period at the end of the paragraph with "; or"	264.314(e)(2)(ii)	264.314(e)(2)(ii)	X			
add new paragraph; sorbent material is determined to be non-biodegradable under OECD test 301B	264.314(e)(2)(iii)	264.314(e)(2)(iii)	X			

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

SUBPART N - LANDFILLS

† SPECIAL REQUIREMENTS FOR BULK AND CONTAINERIZED LIQUIDS

replace the period at the end of the paragraph with "; or"	265.314(f)(2)(ii)	265.314(f)(2)(ii)	X			
add new paragraph; sorbent material is determined to be non-biodegradable under OECD test 301B	265.314(f)(2)(iii)	265.314(f)(2)(iii)	X			

RCRA REVISION CHECKLIST 148

RCRA Expanded Public Participation
 60 FR 63417-63434
 December 11, 1995
 (RCRA Cluster VI, Non-HSWA provisions)

Sections 124.32(a) and 124.33(a) need to have their language revised to remove the limiting language that is not appropriate for States to adopt. See the summary for this checklist for guidance.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 124 - PROCEDURES FOR DECISION MAKING

SUBPART B - SPECIFIC PROCEDURES APPLICABLE TO RCRA PERMITS

PRE-APPLICATION PUBLIC MEETING AND NOTICE

1 requirements of this section apply to part B applications seeking initial permits for hazardous waste management units; these requirements also apply to part B permit applications seeking permit renewal which proposes a significant change in the facility operations; definition of "significant change"; definition of "hazardous waste management units over which EPA has permit issuance authority"; the requirements of 124.31 do not apply to 270.42 permit modifications or applications submitted solely for post-closure activities or post-closure activities and corrective action at a facility	124.31(a)	124.31(a)	X			
prior to submission of part B permit application, the applicant must hold at least one public meeting; the applicant shall post a sign-in sheet for attendees	124.31(b)	124.31(b)	X			
the applicant shall submit a summary of the meeting, a list of the attendees and their	124.31(c)	124.31(c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA- IN SCO
addresses, and copies of any written comments or materials submitted at the meeting as part of the part B application, in accordance with 270.14(b)						
the applicant must provide public notice of the pre-application meeting at least 30 days prior to the meeting; must maintain and provide documentation of public notice to the permitting agency upon request	124.31(d)	124.31(d)	X			
the applicant shall provide public notice in all of the following forms:	124.31(d)(1)	124.31(d)(1)	X			
newspaper advertisement, as specified	124.31(d)(1)(i)	124.31(d)(1)(i)	X			
visible and accessible sign, as specified	124.31(d)(1)(ii)	124.31(d)(1)(ii)	X			
broadcast media announcement, as specified	124.31(d)(1)(iii)	124.31(d)(1)(iii)	X			
notice to the permitting agency and units of state and local government, as specified	124.31(d)(1)(iv)	124.31(d)(1)(iv)	X			
the notices required under 124.31(d)(1) must include:	124.31(d)(2)	124.31(d)(2)	X			
date, time, and location of the meeting	124.31(d)(2)(i)	124.31(d)(2)(i)	X			
brief description of the purpose of the meeting	124.31(d)(2)(ii)	124.31(d)(2)(ii)	X			
brief description of the facility and proposed operations, including address or map	124.31(d)(2)(iii)	124.31(d)(2)(iii)	X			
statement encouraging people to contact the facility at least 72 hours before the meeting if they need special access	124.31(d)(2)(iv)	124.31(d)(2)(iv)	X			

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
name, address, and telephone number of a contact person for the applicant	124.31(d)(2)(v)	124.31(d)(2)(v)	X			

PUBLIC NOTICE REQUIREMENTS AT THE APPLICATION STAGE

1 requirements of this section apply to part B applications seeking initial permits for hazardous waste management units; these requirements also apply to part B permit applications seeking permit renewal for such units under 270.51; definition of "hazardous waste management units"; the requirements of 124.32 do not apply to 270.42 permit modifications or applications submitted solely for post-closure activities or post-closure activities and corrective action at a facility	124.32(a)	124.32(a)	X			
notification at application submittal	124.32(b)	124.32(b)	X			
the Director shall provide public notice as set forth in 124.10(c)(1)(ix) and notice to appropriate units of State and local government as set forth in 124.10(c)(1)(x), that a part B application has been submitted	124.32(b)(1)	124.32(b)(1)	X			
notice shall be published within a reasonable period of time after the application is received by the Director; the notice must include:	124.32(b)(2)	124.32(b)(2)	X			
name and telephone number of the applicant's contact person	124.32(b)(2)(i)	124.32(b)(2)(i)	X			
name, telephone number, and mailing address of the permitting agency's contact office	124.32(b)(2)(ii)	124.32(b)(2)(ii)	X			

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROAD IN SCOPE
address to which people can write in order to be put on the facility mailing list	124.32(b)(2)(iii)	124.32(b)(2)(iii)	X			
location where copies of the permit application and any supporting documents can be viewed and copied	124.32(b)(2)(iv)	124.32(b)(2)(iv)	X			
brief description of the facility and proposed operations, including address or map, on the front page of the notice	124.32(b)(2)(v)	124.32(b)(2)(v)	X			
date the application was submitted	124.32(b)(2)(vi)	124.32(b)(2)(vi)	X			
concurrent with the notice required under 124.32(b), the Director must place the permit application and any support documents in a location accessible to the public in the vicinity of the facility or at the permitting agency's office	124.32(c)	124.32(c)	X			

INFORMATION REPOSITORY

1 requirements of this section apply to all applications seeking permits for hazardous waste management units; definition of "hazardous waste management units"	124.33(a)	124.33(a)	X			
the Director may assess the need, on a case-by-case basis, for an information repository; he shall consider a variety of factors, including level of public interest, type of facility, presence of existing repository, and proximity to nearest copy of administrative record; if a need is determined, the Director shall notify the facility to establish and maintain a repository	124.33(b)	124.33(b)	X			

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
the repository shall contain all documents, reports, data, and information deemed necessary by the Director	124.33(c)	124.33(c)	X			
the repository shall be located and maintained at a site chosen by the facility; if the site is unsuitable, the Director shall specify a more appropriate site	124.33(d)	124.33(d)	X			
the Director shall specify requirements for informing the public about the repository; at a minimum, the Director shall require the facility to provide a written notice about the repository to all persons on the facility mailing list	124.33(e)	124.33(e)	X			
the facility owner or operator shall be responsible for maintaining and updating the repository; the Director may close the repository at his discretion based on factors in 124.33(b)	124.33(f)	124.33(f)	X			

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

SUBPART A - GENERAL INFORMATION

DEFINITIONS

revise "Facility mailing list" by changing "124.10(c)(viii)" to "124.10(c)(1)(ix)"	270.2, "Facility mailing list"	122.2, "Facility mailing list"	X			
--	--------------------------------	--------------------------------	---	--	--	--

SUBPART B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

add new paragraph; summary of pre-application meeting, a list of the attendees and their addresses, and copies of any written comments or materials submitted at the meeting, as	270.14(b)(22)	122.14(b)(22)	X			
--	---------------	---------------	---	--	--	--

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADEN SCOPE
required under 124.31(c)						

SUBPART C - PERMIT CONDITIONS

CONDITIONS APPLICABLE TO ALL PERMITS

add new paragraph; the Director may require the permittee to establish and maintain an information repository at any time, as set forth in 124.33(b); information repository shall be governed by provisions in 124.33(c)-(f)	270.30(m)	122.30(m)	X			
---	-----------	-----------	---	--	--	--

SUBPART F - SPECIAL FORMS OF PERMITS

EMERGENCY PERMITS

replace "124.11(b)" with "124.10(b)"	270.61(b)(5)	122.61(b)(5)	X			
--------------------------------------	--------------	--------------	---	--	--	--

HAZARDOUS WASTE INCINERATOR PERMITS

redesignate former 270.62(b)(6) as 270.62(b)(7); add new 270.62(b)(6) addressing the notice to be sent by the Director to all persons on the facility mailing list and to the appropriate units of State and local government announcing the scheduled commencement and completion dates for the trial burn; applicant may not commence the trial burn until after notice has been issued	270.62(b)(6)	122.62(b)(6)	X			
notice must be mailed within a reasonable time period before the scheduled trial burn; additional notice not required if trial burn is delayed due to circumstances beyond the facility's or permitting agency's control	270.62(b)(6)(i)	122.62(b)(6)(i)	X			
notice must contain:	270.62(b)(6)(ii)	122.62(b)(6)(ii)	X			

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
name and telephone of the applicant's contact person	270.62(b)(6)(ii)(A)	122.62(b)(6)(i)(A)	X			
name and telephone number of the permitting agency's contact office	270.62(b)(6)(ii)(B)	122.62(b)(6)(i)(B)	X			
location where the approved trial burn plan and any supporting documents can be reviewed and copied	270.62(b)(6)(ii)(C)	122.62(b)(6)(i)(C)	X			
expected time period for commencement and completion of the trial burn	270.62(b)(6)(ii)(D)	122.62(b)(6)(i)(D)	X			
former 270.62(b)(6) becomes 270.62(b)(7)	270.62(b)(7)	122.62(b)(7)	X			
redesignate former 270.62(b)(7)-(10) as 270.62(b)(8)-(11)	270.62(b)(8)-(11)	122.62(b)(8)-(11)	X			
in the first sentence, replace "paragraph (b)(2) through (b)(9)" with "paragraphs (b)(2) through (b)(5) and (b)(7) through (b)(10)"; after the first sentence, insert two new sentences; the first new sentence requires the Director to announce his or her intention to approve the trial burn plan as specified; the second new sentence addresses what the notice must include; in the sentence beginning with "Applicants submitting information under...", replace §264.343" with "40 CFR 264.343"; in the sentence beginning with "Applicants who submit trial burn plans...", replace "paragraph (b)(6)" with "paragraph (b)(7) of this section"	270.62(d)	122.62(d)	X			

PERMITS FOR BOILERS AND INDUSTRIAL FURNACES BURNING HAZARDOUS WASTE

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (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 former 270.66(d)(3) as 270.66(d)(4); add new 270.66(d)(3) requiring the Director to send notice to all persons on the facility mailing list and to the appropriate units of State and local government announcing the scheduled commencement and completion dates for the trial burn; applicant may not commence the trial burn until after notice has been issued	270.66(d)(3)	122.66(d)(3)	X			
notice must be mailed within a reasonable time period before the trial burn; additional notice not required if trial burn is delayed due to circumstances beyond the facility's or permitting agency's control	270.66(d)(3)(i)	122.66(d)(3)(i)	X			
notice must contain:	270.66(d)(3)(ii)	122.66(d)(3)(ii)	X			
name and telephone number of the applicant's contact person	270.66(d)(3)(ii)(A)	122.66(d)(3)(ii)(A)	X			
name and telephone number of the permitting agency's contact office	270.66(d)(3)(ii)(B)	122.66(d)(3)(ii)(B)	X			
location where the approved trial burn plan and any supporting documents can be reviewed and copied	270.66(d)(3)(ii)(C)	122.66(d)(3)(ii)(C)	X			
expected time period for commencement and completion of the trial burn	270.66(d)(3)(ii)(D)	122.66(d)(3)(ii)(D)	X			
former 270.66(d)(3) becomes (d)(4)	270.66(d)(4)	122.66(d)(4)	X			
redesignate old 270.66(d)(4) and (d)(5) as 270.66(d)(5) and (d)(6)	270.66(d)(5) & (d)(6)	122.66(d)(5) + (d)(6)	X			
2 revise paragraph; insert "of this	270.66(g)	122.66(g)	X			

RCRA REVISION CHECKLIST 148: RCRA Expanded Public Participation (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
chapter" after the second reference to "§ 266.103" in the first sentence; after the first sentence, insert new second and third sentences; the first new sentence requires the Director to announce his or her intention to approve a trial burn plan as specified; second new sentence addresses what the notice must include						

- 1 See the special guidance in the summary for this checklist regarding state adoption of these paragraphs.
- 2 There is a typographical error at 270.66(g); at 60 FR 63434, "§§266.104 through 266.107" was changed to "§266.104 through 266.107".

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 150

Amendments to the Definition of Solid Waste; Amendment II
 61 FR 13103-13106
 March 26, 1996
 (RCRA Cluster VI, Non-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 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
EXCLUSIONS						
† replace "along with normal process streams prior to crude distillation or catalytic cracking" with "at or before a point (other than direct insertion into a coker) where contaminants are removed"	261.4(a)(12)	261.4(a)(12)	x			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 151

Land Disposal Restrictions Phase III -
 Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners
 61 FR 15566-15660
 April 8, 1996

as amended April 8, 1996, at 61 FR 15660-15668
 April 30, 1996, 61 FR 19117
 June 28, 1996, 61 FR 33680-33690
 July 10, 1996, 61 FR 36419-36421
 August 26, 1996, 61 FR 43924-43931
 February 19, 1997 (62 FR 7502-7600)

(RCRA Cluster VI, HSWA provisions)

Notes: 1) On April 8, 1996 (61 FR 15566), EPA published the rule addressing the Phase III land disposal restrictions in the Federal Register. On the same day, at 61 FR 15660, EPA published a second rule that partially withdrew and amended the rule published at 61 FR 15566-15560. Subsequent to April 8, 1996, four technical amendments and corrections were published in the Federal Register. Due to the number of rules (seven total) that comprise Revision Checklist 151, a column has been added to this checklist that provides a reference to the rule that affected each provision. The rules are designated as follows:

✓Rule 151 :	April 8, 1996	(61 <u>FR</u> 15566-15660);
✓Rule 151.1:	April 8, 1996	(61 <u>FR</u> 15660-15668);
✓Rule 151.2:	April 30, 1996	(61 <u>FR</u> 19117);
✓Rule 151.3:	June 28, 1996	(61 <u>FR</u> 33680-33690);
✓Rule 151.4:	July 10, 1996	(61 <u>FR</u> 36419-36421);
✓Rule 151.5:	August 26, 1996	(61 <u>FR</u> 43924-43931); and
✓Rule 151.6:	February 19, 1997	(62 <u>FR</u> 7502-7600)

2) This Revision Checklist includes a national capacity variance for spent potliners from primary aluminum production (Hazardous Waste Number K088) at 268.39(c). Thus, as of January 8, 1997, K088 wastes and soil or debris contaminated with these wastes were prohibited from land disposal. However, States should note that the national capacity variance has been extended by two subsequent rules. The January 14, 1997, final rule (62 FR 1992; Revision Checklist 155) extended the variance until July 8, 1997. The July 14, 1997, final rule (62 FR 37694; Revision Checklist 160) further extended the variance until October 8, 1997. Therefore, K088 wastes do not have to be treated to meet the Land Disposal Restrictions until October 8, 1997, instead of the January 8, 1997, deadline reflected in this Revision Checklist.

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 268 - LAND DISPOSAL RESTRICTIONS							
SUBPART A - GENERAL							
PURPOSE, SCOPE AND APPLICABILITY							
1 delete both occurrences of "from land disposal"; insert "or part 148 of this chapter" after "under this part, "	151.1 151.3	268.1(c)(3)	268.1(c)(3)	X			
2 add "and" at end of text	151.1 151.3	268.1(c)(3)(i)	268.1(c)(3)(i)	X			
insert "identified in 40 CFR part 261, subpart C" after "waste"; replace "; and" with a period	151.1 151.3	268.1(c)(3)(ii)	268.1(c)(3)(ii)	X			
remove	151.1 151.3	268.1(c)(3)(iii)	268.1(c)(3)(iii)	X			
3 add new paragraph; wastes that exhibit a hazardous characteristic (except D003 reactive cyanide and those subject to a treatment method other than DEACT in 268.40) are not prohibited from land disposal if:	151.3	268.1(c)(4)	268.1(c)(4)	X			
the wastes are managed in a treatment system with a permit under Clean Water Act (CWA) §402, or	151.3	268.1(c)(4)(i)	268.1(c)(4)(i)	X			
the wastes are treated under the pretreatment requirements of CWA §307, or	151.3	268.1(c)(4)(ii)	268.1(c)(4)(ii)	X			
the wastes are managed in a zero discharge system	151.3	268.1(c)(4)(iii)	268.1(c)(4)(iii)	X			

**RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
engaged in CWA-equivalent treatment as defined in 268.37(a), and							
the wastes no longer exhibit a prohibited characteristic at the point of land disposal	151.3	268.1(c)(4)(iv)	268.1(c)(4)(iv)	α			
[151 changes to paragraph withdrawn by 151.1--use 1995 CFR for correct version]	151 151.1	268.1(e)(3)	268.1(e)(3)	α			
[151 changes to paragraph withdrawn by 151.1--use 1995 CFR for correct version]	151 151.1	268.1(e)(4)	268.1(e)(4)	α			
[subparagraphs added by 151 withdrawn by 151.1]	151 151.1	268.1(e)(4)(i)-(ii)	268.1(e)(i)-(ii)	α			
[paragraph removed by 151 was reinstated by 151.1--use 1995 CFR for correct version]	151 151.1	268.1(e)(5)	268.1(e)(5)	α			

DEFINITIONS APPLICABLE IN THIS PART

delete ", with the following exceptions:"; add an ending period	151	268.2(f)	268.2(f)	α			
remove	151	268.2(f)(1)	268.2(f)(1)	α			
remove	151	268.2(f)(2)	268.2(f)(2)	α			
remove	151	268.2(f)(3)	268.2(f)(3)	α			
insert "fluoride, " before "vanadium"	151	268.2(i)	268.2(i)	α			
add definition of inorganic metal-bearing waste	151 151.3	268.2(j)	268.2(j)	α			
[definition added by 151 was withdrawn by 151.1]	151 151.1	268.2(k)	268.2(k)	α			

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
[definition added by 151 was withdrawn by 151.1]	151 151.1	268.2(l)	268.2(l)	x			

DILUTION PROHIBITED AS A SUBSTITUTE FOR TREATMENT

[151 changes to paragraph withdrawn by 151.1--use 1995 CFR for correct version]	151 151.1	268.3(a)	268.3(a)	x			
replace "a treatment system which treats" with "treatment systems which include land-based units which treat"; replace "or which treats wastes" with ", or which treat wastes in a CWA-equivalent treatment system, or which treat wastes"; replace "has been specified as the treatment standard in § 268.42" with "other than DEACT has been specified in § 268.40 as the treatment standard"	151 151.1 151.3	268.3(b)	268.3(b)	x			
add new paragraph; combustion of hazardous waste codes listed in part 268 Appendix XI is prohibited unless the waste complies with one or more criteria of 268.3(c)(1)-(6)	151 151.1	268.3(c)	268.3(c)	x			
add subparagraph; the waste contains hazardous organic constituents or cyanide at levels exceeding the constituent-specific treatment	151 151.1	268.3(c)(1)	268.3(c)(1)	x			

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
standard of 268.48							
add subparagraph; the waste consists of organic, debris-like materials contaminated with an inorganic metal-bearing hazardous waste	151 151.1	268.3(c)(2)	268.3(c)(2)	x			
add subparagraph; the waste, at the point of generation, has reasonable heating value	151 151.1	268.3(c)(3)	268.3(c)(3)	x			
add subparagraph; the waste is co-generated with wastes for which combustion is a required method of treatment	151 151.1	268.3(c)(4)	268.3(c)(4)	x			
add subparagraph; the waste is subject to Federal and/or State requirements necessitating reduction of organics	151 151.1	268.3(c)(5)	268.3(c)(5)	x			
add subparagraph; the waste contains greater than 1% Total Organic Carbon (TOC)	151 151.1	268.3(c)(6)	268.3(c)(6)	x			

WASTE ANALYSIS AND RECORDKEEPING

4 revise last sentence; replace "or the characteristic of corrosivity (D002), and is prohibited under § 268.37; and/or the characteristic of organic toxicity (D012-D043), and is prohibited under § 268.38" with "and/or the characteristic of corrosivity (D002), and/or	151	268.7(a)	268.7(a)	x			
--	-----	----------	----------	---	--	--	--

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
reactivity (D003), and/or the characteristic of organic toxicity (D012-D043), and is prohibited under § 268.37, § 268.38, and § 268.39"; insert "D003," before "D012-D043 wastes"							
5 insert "D003, and" after "D002"; remove "and in § 268.32 or RCRA section 3004(d)" after "D043"	151	268.7(a)(1)(ii)	268.7(a)(1)(ii)	X			
replace "268.45;" at the end of the paragraph with "268.45; and"	151	268.7(a)(1)(iv)	268.7(a)(1)(iv)	X			
replace "; and" at the end of the paragraph with a period	151	268.7(a)(1)(v)	268.7(a)(1)(v)	X			
remove	151	268.7(a)(1)(vi)	268.7(a)(1)(vi)	X			
insert "D003, and" after "D002"; remove the comma following "and (f)"; remove "and in § 268.32 or RCRA section 3004(d)" after "D043"	151	268.7(a)(2)(i)(B)	268.7(a)(2)(i)(B)	X			
insert "D003," after "D002"	151	268.7(a)(3)(ii)	268.7(a)(3)(ii)	X			
5 insert "D003, and" after "D002"; remove "and in § 268.32 or RCRA section 3004(d)" after "D043"; replace ending period with a semicolon	151	268.7(b)(4)(ii)	268.7(b)(4)(ii)	X			
insert "D003," after "D002"	151	268.7(b)(5)(iv)	268.7(b)(5)(iv)	X			

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add new subparagraph; certification for specified characteristic wastes that contain underlying hazardous constituents that are treated on-site	151	268.7(b)(5)(v)	268.7(f)(5)(v)	X			

LANDFILL AND SURFACE IMPOUNDMENT DISPOSAL RESTRICTIONS

6 remove and reserve	151	268.8	268.8	X			
----------------------	-----	-------	-------	---	--	--	--

SPECIAL RULES REGARDING WASTES THAT EXHIBIT A CHARACTERISTIC

insert "this" before "part 268"; replace both occurrences of "40 CFR 261" with "40 CFR part 261"; replace both occurrences of "part 261" with "40 CFR part 261"; replace "the treatment standard for the waste" with "the treatment standard for the waste code" in the second sentence; replace the third sentence with a sentence requiring the generator to determine what underlying hazardous constituents are reasonably expected to be present above the universal treatment standards	151	268.9(a)	268.9(a)	X			
[151 changes to paragraph withdrawn by 151.1--use 1995 CFR for correct version]	151 151.1	268.9(d)	268.9(d)	X			
[151 changes to paragraph withdrawn by 151.1--use 1995 CFR for	151 151.1	268.9(d)(1)(i)-(ii)	268.9(d)(1)(i)-(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
correct version]							
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.9(d)(3)	268.9(d)(3)	x			
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.9(d)(3)(i)-(iv)	268.9(d)(3)(i)-(iv)	x			
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.9(e)	268.9(e)	x			
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.9(f)	268.9(f)	x			
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.9(g)	268.9(g)	x			

SUBPART C - PROHIBITIONS ON LAND DISPOSAL

7 WASTE SPECIFIC PROHIBITIONS--SPENT ALUMINUM POTLINERS; REACTIVE; AND CARBAMATE WASTES

specified wastes and soil and debris contaminated with these wastes are prohibited from land disposal as of July 8, 1996	151 151.1	268.39(a)	268.39(a)	x			
8 as of July 8, 1996, D003 wastes are prohibited from land disposal; exceptions	151 151.1	268.39(b)	268.39(b)	x			
K088 wastes and soil and debris contaminated with these wastes are prohibited from land disposal as of January 8, 1997	151 151.1 151.2	268.39(c)	268.39(c)	x			

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
radioactive wastes mixed with specified wastes and soil and debris contaminated with these radioactive mixed wastes are prohibited from land disposal as of April 8, 1998	151 151.1	268.39(d)	268.39(d)	X			
between July 8, 1996 and April 8, 1998, the wastes listed in 268.39(a),(c), and (d) may be disposed in a landfill or surface impoundment only if such unit complies with the requirements of 268.5(h)(2)	151 151.1 151.3	268.39(e)	268.39(e)	X			
the requirements of 268.39(a)-(d) do not apply if:	151 151.1	268.39(f)	268.39(f)	X			
the wastes meet the treatment standards specified in part 268 subpart D	151 151.1	268.39(f)(1)	268.39(f)(1)	X			
persons have been granted an exemption from a prohibition pursuant to a petition under 268.6, with respect to the wastes and units covered by the petition	151 151.1	268.39(f)(2)	268.39(f)(2)	X			
the wastes meet the applicable alternate treatment standards established pursuant to a petition granted under 268.44	151 151.1	268.39(f)(3)	268.39(f)(3)	X			
persons have been granted	151	268.39(f)(4)	268.39(f)(4)	X			

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
an extension to the effective date of a prohibition pursuant to 268.5, with respect to the wastes covered by the extension	151.1						
to determine whether a hazardous waste identified in 268.39 exceeds the applicable treatment standards specified in 268.40, the initial generator must test a sample of the waste extract, test the entire waste, or use knowledge of the waste; the waste is prohibited from land disposal, and part 268 requirements apply if the waste contains constituents exceeding part 268 subpart D levels, except as otherwise specified	151 151.1	268.39(g)	268.39(g)	X			

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

insert "prohibited" before "waste identified"	151.3	268.40(a)	268.40(a)	X			
replace "(D001, D002" with "(D001-D003"; insert quotation marks before and after "Table UTS,"; insert "as defined in § 268.2(c) of this part" after "land disposal"	151 151.1 151.3	268.40(e)	268.40(e)	X			
[151 amendment adding subparagraph was	151 151.1	268.40(e)(1)	268.40(e)(1)	X			

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
withdrawn by 151.1]							
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.40(e)(2)	268.40(e)(2)	X			
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.40(e)(3)	268.40(e)(3)	X			
[151 amendment adding subparagraph was withdrawn by 151.1]	151 151.1	268.40(e)(4)	268.40(e)(4)	X			
9 add paragraph; between August 26, 1996 and August 26, 1997, the treatment standards for listed carbamate wastes and soil contaminated with those wastes may be satisfied by either meeting the constituent concentrations in 268.40 table "Treatment Standards for Hazardous Wastes" or by treating the waste using specified technologies	151.5	268.40(g)	268.40(g)	X			
10 replace existing table "Treatment Standards for Hazardous Wastes" with the table found at 62 FR 7505-7595 (February 19, 1997)	151 151.1 151.3 151.4 151.5 151.6	268.40/Table	268.40/ Table	X			

TREATMENT STANDARDS EXPRESSED AS SPECIFIED TECHNOLOGIES

revise description of technology-based standards for CMBST; high temperature organic destruction technologies, such as combustion in	151	268.42 Table 1	268.42 Table 1	X			
--	-----	----------------	-------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
incinerators, boilers or industrial furnaces, and certain non-combustive technologies							

VARIANCE FROM A TREATMENT STANDARD

[151 changes to paragraph withdrawn by 151.1--use 1995 CFR for correct version]	151 151.1	268.44(a)	268.44(a)	x			
---	--------------	-----------	-----------	---	--	--	--

UNIVERSAL TREATMENT STANDARDS

replace existing table with the table found at 62 FR 7596-7600 (February 19, 1997)	151 151.3 151.5 151.6	268.48(a)/Table UTS	268.48(a)/ Table UTS	x			
--	--------------------------------	---------------------	-------------------------	---	--	--	--

APPENDIX XI TO PART 268

add new appendix: "Metal Bearing Wastes Prohibited From Dilution in a Combustion Unit According to 40 CFR 268.3(c)"	151	Appendix XI	268 Appendix XI	x			
---	-----	-------------	--------------------	---	--	--	--

1 The second Federal Register article published on April 8, 1996, (61 FR 15660; rule 151.1) removed and reserved 268.1(c)(3) (see page 15663, column 1). The June 28, 1996, technical correction (61 FR 33680; rule 151.3), however, added a new 268.1(c)(3) that is very similar to the paragraph that existed in 40 CFR prior to the second April 8, 1996, amendment (rule 151.1). The changes noted on this checklist compare the June 28, 1996, (rule 151.3) version to the version found in the July 1, 1995, CFR. Note that the June 28, 1996, technical correction (rule 151.3) made no real changes to 268.1(c)(3)(i) and removed 40 CFR 268.1(c)(3)(iii).

2 There is a typographical error in the June 28, 1996, technical correction (61 FR 33680; rule 151.3): the internal reference "40 CFR 146.6(a)" should be 40 CFR "144.6(a)".

3 Note that the original 268.1(c)(4), as introduced by Revision Checklist 34 (51 FR 40572; November 7, 1986), was removed by Revision Checklist 66 (54 FR 36967; September 6, 1989). The June 28, 1996,

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

technical correction in Revision Checklist 151 (61 FR 33680; rule 151.3) added a new 268.1(c)(4) and (c)(4)(i)-(iv).

4 There is a typographical error in the first April 8, 1996, Federal Register article (61 FR 15566; rule 151): in the last sentence, insert a closing parenthesis after "as defined in § 268.2". This error also appears in the July 1, 1996, CFR.

5 There is a typographical error in the first April 8, 1996, Federal Register article (61 FR 15566; rule 151): "and (f)" should be "and (f)", i.e., there should be a second ")" after "(f)".

6 This section was removed and reserved by the first article published on April 8, 1996, (61 FR 15566; rule 151). Note, however, there are numerous internal references to this section throughout the CFR that were not removed.

7 This section was originally introduced by the first Federal Register article published on April 8, 1996, (61 FR 15566; rule 151). It was withdrawn and then re-added by the second article published on April 8, 1996, (61 FR 15660; rule 151.1). Paragraph 268.39(e) was subsequently revised by the June 28, 1996, technical correction (61 FR 33680; rule 151.3).

8 Note there is a typographical error in the second article published on April 8, 1996, (61 FR 15660; rule 151.1): "268.40)." should be "268.40).)".

9 There are two typographical errors in the August 26, 1996 Federal Register (61 FR 43924; rule 151.5): "biodegradation as defined by the technolgy code BIODG" should be "biodegradation as defined by the technology code BIODG".

10 The original table in §268.40 was amended by rule 151, 151.1, 151.3, 151.4, and 151.5. The table was entirely replaced by the table in the February 19, 1997, Federal Register article (62 FR 7502; rule 151.6). The table below lists the errors associated with those rules.

Waste Code Number	Rule Reference (Federal Register page number)	Error(s)	Comment

RCRA REVISION CHECKLIST 151: Land Disposal Restrictions Phase III -
Decharacterized Wastewaters, Carbamate Wastes, and Spent Potliners (cont'd)

F027	151 (p. 15610)	There is a typographical error in the Waste Description column: the last closing period should be placed inside of the last closing parenthesis.	This error is found in rules 151, 151.1, and 151.6. It is also found in the 1996 CFR.
F039	151 (p. 15613) 151 (p. 15615) 151.3 (p. 33686)	(1) The extra period at the end of the Waste Description should be removed. (2) The Nonwastewater Concentrations of <u>13</u> for "Diphenylamine" and "Diphenylnitrosamine" were changed to <u>NA</u> . Also, the Nonwastewater Concentration of <u>1.5</u> for 1,2-Diphenylhydrazine was changed to <u>NA</u> .	(1) This error is found in rule 151 and 151.6. It is also found in the 1996 CFR. (2) It appears that the Nonwastewater Concentrations in rule 151 were replaced with "NA" by 151.3. The 1996 CFR, however, retains the rule 151 versions of these concentrations. Rule 151.6 kept "NA" as the Nonwastewater Concentrations.
endnote 8	151.3 (p. 33690)	There is a typographical error in the endnote: the last closing period should be placed inside of the last closing parenthesis.	This error is found in rules 151.3 and 151.6. It is also found in the 1996 CFR.
endnote 9	151.3 (p. 33690) 151.6 (p.7595)	There is a typographical error in the endnote: the last closing period should be placed inside of the last closing parenthesis. The section symbol ("§") is omitted from the internal reference.	This error is found in rules 151.3 and 151.6. It is also found in the 1996 CFR.

RCRA REVISION CHECKLIST 152

Imports and Exports of Hazardous Waste:
Implementation of OECD Council Decision
61 FR 16290-16316
April 12, 1996
(RCRA Cluster VI, HSWA provisions)

Note: 1) Like the export requirements at 40 CFR 262, Subpart E, the 40 CFR 262, Subpart H requirements will be administered by EPA and not the States because the exercise of foreign relations and international commerce powers is reserved to the Federal government under the Constitution. However, EPA strongly encourages States to incorporate these requirements into their regulations for the convenience of the regulated community and for completeness, particularly in the situation where a State has already incorporated the 40 CFR 262, Subparts E and F provisions into its regulations.

2) The requirements in this rule apply to only those wastes identified or listed under the Federal program that are subject to Federal manifesting requirements. Thus, State-only wastes would not be subject to the import/export regulations addressed by this rule. The summary provides guidance and examples for appropriately incorporating these new requirements into State regulations.

3) Note the changes to 40 CFR 260.2 have not been included in this checklist because information requests should be sent to EPA with the information provided according to Federal availability of information procedures. Additionally, States are not required to adopt an analog to 260.2.

RCRA REVISION CHECKLIST 152: Imports and Exports of Hazardous Waste: Implementation of OECD Council Decision (cont'd)

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

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

REQUIREMENTS FOR RECYCLABLE MATERIALS

† add new paragraph; hazardous waste that is exported to or imported from designated member countries of the OECD for purpose of recovery is subject to 40 CFR part 262 subpart H, if subject to either the manifesting requirements in part 262, the universal waste management standards in part 273 or State requirements analogous to part 273	261.6(a)(5)	261.6(a)(5)	X			
--	-------------	-------------	---	--	--	--

PART 262 - STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

† redesignate paragraphs 262.10(d)-(g) as 262.10(e)-(h); add new paragraph (d); persons who export or import hazardous waste subject to the manifest requirements of part 262, the universal waste standards of part 273, or the State requirements analogous to part 273, to or from countries listed in	262.10(d)	262.10(d)	X			
---	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
262.58(a)(1) for recovery, must comply with part 262, subpart H						
† former 262.10(d)-(g) become 262.10(e)-(h)	262.10(e)-(h)	262.10(e)-(h)	X			

SUBPART E - EXPORTS OF HAZARDOUS WASTE

NOTIFICATION OF INTENT TO EXPORT

† completely revise paragraph; addresses of Office of Enforcement and Compliance Assurance where notifications submitted by mail or by hand-delivery should be sent; display on the envelope of all notifications "Attention: Notification of Intent to Export"	262.53(b)	262.53(b)	X			
---	-----------	-----------	---	--	--	--

ANNUAL REPORTS

† completely revise paragraph; addresses of Office of Enforcement and Compliance Assurance where annual reports submitted by mail or by hand-delivery should be sent	262.56(b)	262.56(b)	X			
--	-----------	-----------	---	--	--	--

† **INTERNATIONAL AGREEMENTS**

persons who export or import hazardous waste subject to manifest requirements of Part 262, to the universal waste standards of part 273, or	262.58(a)	262.58(a)	X			
---	-----------	-----------	---	--	--	--

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
to State requirements analogous to part 273, to or from countries defined in 262.58(a)(1) for purposes of recovery, are subject to part 262 subpart H; requirements of part 262 subparts E and F do not apply						
designated list of OECD countries for purposes of part 262 subpart H	262.58(a)(1)	262.58(a)(1)	X			
Canada and Mexico considered OECD countries only for the purpose of transit	262.58(a)(2)	262.58(a)(2)	X			
persons who export or import hazardous waste from OECD countries for purposes other than recovery, from Mexico (for any purpose), or from Canada (for any purpose), are subject to part 262 subparts E and F	262.58(b)	262.58(b)	X			

**SUBPART H - TRANSFRONTIER SHIPMENTS OF HAZARDOUS WASTE FOR RECOVERY WITHIN
THE OECD**

† **APPLICABILITY**

requirements of part 262 subpart H apply to imports and exports of wastes considered hazardous under U.S. national procedures and destined for recovery in countries listed in 262.58(a)(1); a	262.80(a)	262.80(a)	X			
--	-----------	-----------	---	--	--	--

RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
waste is considered hazardous if it meets the definition of hazardous waste in 261.3 and is subject to either the manifesting requirements in part 262 subpart B, the universal waste management standards in part 273, or State requirements analogous to part 273						
persons who mix two or more wastes or subject two or more wastes to physical or chemical transformation operations, and thereby create a new hazardous waste, become generators and assume generator duties under RCRA and any notifier duties under part 262 subpart H, if applicable	262.80(b)	262.80(b)	X			

† DEFINITIONS

definitions applicable to part 262 subpart H	262.81	262.81	X			
"competent authorities"	262.81(a)	262.81(a)	X			
"concerned countries"	262.81(b)	262.81(b)	X			
"consignee"	262.81(c)	262.81(c)	X			
"country of transit"	262.81(d)	262.81(d)	X			
"exporting country"	262.81(e)	262.81(e)	X			
"importing country"	262.81(f)	262.81(f)	X			
"notifier"	262.81(g)	262.81(g)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
"OECD area"	262.81(h)	262.81(h)	X			
"recognized trader"	262.81(i)	262.81(i)	X			
"recovery facility"	262.81(j)	262.81(j)	X			
"recovery operations"	262.81(k)	262.81(k)	X			
"transfrontier movement"	262.81(l)	262.81(l)	X			

† GENERAL CONDITIONS

level of import and export waste control is indicated by green, amber, or red lists and by U.S. national procedures as defined in 262.80(a); green, amber, and red lists are incorporated by reference in 262.89(e)	262.82(a)	262.82(a)	X			
green-list wastes are subject to existing controls normally applied to commercial transactions, except as provided below:	262.82(a)(1)	262.82(a)(1)	X			
green-list wastes that are considered hazardous under U.S. national procedures are subject to amber-list controls	262.82(a)(1)(i)	262.82(a)(1)(i)	X			
1 green-list wastes that are contaminated or mixed with amber-list wastes, such that the waste is considered hazardous, are subject to amber-list controls	262.82(a)(1)(ii)	262.82(a)(1)(ii)	X			
green-list wastes that are contaminated or mixed	262.82(a)(1)(iii)	262.82(a)(1)(iii)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
with red-list wastes, such that the waste is considered hazardous under U.S. national procedures, are subject to red-list controls						
amber-list wastes that are considered hazardous under 262.80(a) are subject to the amber-list controls of part 262 subpart H	262.82(a)(2)	262.82(a)(2)	X			
amber-list wastes contaminated or mixed with red-list wastes, such that the waste is considered hazardous under U.S. national procedures, must be handled in accordance with red-list controls	262.82(a)(2)(i)	262.82(a)(2)(i)	X			
[Reserved]	262.82(a)(2)(ii)	262.82(a)(2)(ii)	X			
red-list wastes that are considered hazardous under 262.80(a) are subject to red-list controls of part 262 subpart H	262.82(a)(3)	262.82(a)(3)	X			
wastes not yet assigned to a list are eligible for transfrontier movements, as follows:	262.82(a)(4)	262.82(a)(4)	X			
wastes considered hazardous under 262.80(a) are subject to red-list controls, or	262.82(a)(4)(i)	262.82(a)(4)(i)	X			
wastes not considered	262.82(a)(4)(ii)	262.82(a)(4)(ii)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
hazardous under 262.80(a) may move as though they appeared on the green list						
general conditions applicable to transfrontier movements of hazardous waste	262.82(b)	262.82(b)	X			
waste must be destined for recovery operations at a facility that, under applicable domestic law, is operating or is authorized to operate in the importing country	262.82(b)(1)	262.82(b)(1)	X			
transfrontier movement must comply with applicable international transport agreements, and	262.82(b)(2)	262.82(b)(2)	X			
waste transported through a non-OECD country must comply with applicable international and national laws and regulations	262.82(b)(3)	262.82(b)(3)	X			
provisions relating to re-export for recovery to a third country	262.82(c)	262.82(c)	X			
re-export of amber-list wastes from U.S., as the importing country, to a third country listed in 262.58(a)(1) may occur only after a notifier in the U.S. provides notification to and obtains consent of competent authorities in the third country, the	262.82(c)(1)	262.82(c)(1)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
original exporting country, and new transit countries; notification must comply with 262.83; 30-day objection period to proposed movement						
30-day period begins when competent authorities in both the initial exporting country and the new importing country issue Acknowledgements of Receipt of the notification	262.82(c)(1)(i)	262.82(c)(1)(i)	X			
transfrontier movement may commence if no objection lodged after the 30-day period has passed or immediately after written consent is received from all relevant OECD importing or transit countries	262.82(c)(1)(ii)	262.82(c)(1)(ii)	X			
re-export of red-list wastes from original importing country to a third country listed in 262.58(a)(1) may occur following notification of the competent authorities in the third country, the original exporting country, and new transit countries by a notifier in original importing country in accordance with 262.83; transfrontier movement may not proceed until receipt by original	262.82(c)(2)	262.82(c)(2)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
importing country of written consent of the competent authorities of the third country, original exporting country, and new transit country						
re-export of amber-list or red-list wastes to a country other than those listed in 262.58(a)(1) is subject to the notification to and consent of the competent authorities of the original OECD country of export and any OECD country of transit as required in 262.82(c)(1)&(2) in addition to compliance with international agreements and arrangements to which the first importing OECD country is party and all applicable regulatory requirements for exports from the first importing country	262.82(c)(3)	262.82(c)(3)	X			

† NOTIFICATION AND CONSENT

applicability; consent must be obtained from competent authorities of OECD importing and transit countries prior to exporting hazardous waste destined for recovery operations subject to part 262 subpart H; hazardous wastes subject to amber-	262.83(a)	262.83(a)	X			
--	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 152: Imports and Exports of Hazardous Waste: Implementation of OECD Council Decision (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
list controls are subject to the requirements in 262.83(b); hazardous wastes subject to red-list controls are subject to the requirements in 262.83(c); and wastes not identified on any list is subject to the requirements in 262.83(d)						
export from the U.S. of hazardous wastes on the amber list described in 262.80(a) is prohibited unless the requirements of 262.83(b)(1) or (2) are met	262.83(b)	262.83(b)	X			
transactions requiring specific consent:	262.83(b)(1)	262.83(b)(1)	X			
at least 45 days prior to transfrontier movement the notifier must provide written notification in English of proposed transfrontier movement to Office of Enforcement and Compliance Assurance, with words "Attention: OECD Export Notification" on the envelope; notification must include all the information identified in 262.83(e); for wastes with similar physical and chemical characteristics, the same U.N. classifications, and the same RCRA waste codes, which are to be sent to the same recovery	262.83(b)(1)(i)	262.83(b)(1)(i)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
facility, the notifier may submit one notification of intent to export wastes in multiple shipments during a period of up to one year						
transfrontier movement may commence upon tacit consent; if no objections to notification provided pursuant to 262.83(b)(1)(i) are lodged within 30 days after issuance of Acknowledgment of Receipt by the competent authority of the importing country; tacit consent expires one year after close of 30 day period; renotification and renewal is required for exports after that expiration date	262.83(b)(1)(ii)	262.83(b)(1)(ii)	X			
written consent; if competent authorities of OECD importing and transit countries provide written consent in a period less than 30 days, transfrontier movement may commence immediately; written consent expires one year after date of consent; renotification and renewal is required for exports after that expiration date	262.83(b)(1)(iii)	262.83(b)(1)(iii)	X			
shipments to facilities preapproved by competent authorities of importing	262.83(b)(2)	262.83(b)(2)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
countries:						
notifier must provide EPA with information identified in 262.83(e) at least 10 days in advance of shipment to pre-approved facility; notification should indicate the facility is pre-approved, and may apply to a single specific shipment or multiple shipments as described in 262.83(b)(1)(i); information must be sent to Office of Enforcement and Compliance Assurance with "OECD Export Notifications-- Pre-approved Facility" displayed on the envelope	262.83(b)(2)(i)	262.83(b)(2)(i)	X			
shipments may commence after notification required in 262.83(b)(1)(i) is received by competent authorities of all concerned countries, unless notifier receives information indicating objections to the shipment	262.83(b)(2)(ii)	262.83(b)(2)(ii)	X			
export from the U.S. of hazardous wastes as described in 262.80(a) that appear on the red list is prohibited unless notice pursuant to 262.83(b)(1)(i) is given and notifier receives written consent from the importing country	262.83(c)	262.83(c)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
and any transit countries prior to transfrontier movement						
wastes not assigned to the green, amber, or red list that are considered hazardous under 262.80(a) are subject to notification and consent requirements for red-list wastes in accordance with 262.83(c); unlisted wastes that are not considered hazardous under 262.80(a) are not subject to amber or red controls when exported or imported	262.83(d)	262.83(d)	X			
notifications submitted must include the following information:	262.83(e)	262.83(e)	X			
serial number or other identifier of the notification form	262.83(e)(1)	262.83(e)(1)	X			
notifier name and EPA identification number, address, and telephone and telefax numbers	262.83(e)(2)	262.83(e)(2)	X			
importing recovery facility name, address, telephone and telefax numbers, and technologies employed	262.83(e)(3)	262.83(e)(3)	X			
consignee name, address, and telephone and telefax numbers; whether consignee will engage in waste exchange or storage	262.83(e)(4)	262.83(e)(4)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
prior to delivery to final recovery facility and identification of operations employed at final recovery facility						
intended transporters and/or their agents	262.83(e)(5)	262.83(e)(5)	X			
country of export and competent authority; point of departure	262.83(e)(6)	262.83(e)(6)	X			
countries of transit and competent authorities; points of entry and departure	262.83(e)(7)	262.83(e)(7)	X			
country of import and competent authority; point of entry	262.83(e)(8)	262.83(e)(8)	X			
statement of whether notification is single or general notification; if general, include period of validity	262.83(e)(9)	262.83(e)(9)	X			
date foreseen for commencement of transfrontier movement	262.83(e)(10)	262.83(e)(10)	X			
designation of waste type(s) from list (green, red or amber), descriptions of each waste type, estimated total quantity of each waste, RCRA waste code, and U.N. number; and	262.83(e)(11)	262.83(e)(11)	X			
certification/declaration signed by notifier that the	262.83(e)(12)	262.83(e)(12)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
information is complete and correct, and that legally enforceable written contractual obligations have been entered into, and that any applicable insurance or other financial guarantees are or shall be in force covering the transfrontier movement						
† TRACKING DOCUMENT						
U.S. parties subject to 262.85 must ensure that a tracking document meeting the conditions of 262.84(b), accompanies each transfrontier shipment of amber-list or red-list wastes from the initiation of the shipment until it reaches the final recovery facility, except as provided in 262.84(a)(1) and (2)	262.84(a)	262.84(a)	x			
for shipments of hazardous waste in the U.S. solely by water (bulk shipments only), the generator must forward tracking document to last water transporter to handle the waste in the U.S. in accordance with 262.23(c)	262.84(a)(1)	262.84(a)(1)	x			
for rail shipments of hazardous waste in the U.S. originating at the site of generation, the generator must forward the tracking document with the	262.84(a)(2)	262.84(a)(2)	x			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
manifest in accordance with 262.23(d) to next non-rail transporter or to last rail transporter to handle the waste in the U.S.						
tracking document must include information required under 262.83 and the following:	262.84(b)	262.84(b)	X			
date shipment commenced	262.84(b)(1)	262.84(b)(1)	X			
name (if not notifier), address, phone and telefax number of primary exporter	262.84(b)(2)	262.84(b)(2)	X			
company name and EPA identification number of all transporters	262.84(b)(3)	262.84(b)(3)	X			
identification (license, registered name or registration number) of means of transport, including types of packaging	262.84(b)(4)	262.84(b)(4)	X			
any special precautions to be taken by transporters	262.84(b)(5)	262.84(b)(5)	X			
certification/declaration signed by notifier that no objection to the shipment has been lodged, as specified	262.84(b)(6)	262.84(b)(6)	X			
appropriate signatures for each custody transfer	262.84(b)(7)	262.84(b)(7)	X			
notifiers must comply with manifest requirements of	262.84(c)	262.84(c)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
262.54(a),(b),(c),(e), and (i) and part 262 subpart F						
each U.S. person that has physical custody of waste from time movement commences until it arrives at recovery facility must sign tracking document	262.84(d)	262.84(d)	X			
within three working days of the receipt of imports subject to part 262 subpart H, the owner or operator of the U.S. recovery facility must send signed copies of the tracking document to notifier, Office of Enforcement and Compliance Assurance, Office of Compliance, Enforcement Planning, Targeting and Data Division, and to competent authorities of exporting and transit countries	262.84(e)	262.84(e)	X			

† **CONTRACTS**

transfrontier movements of hazardous wastes subject to amber or red control procedures are prohibited unless they occur under a valid written contract, chain of contracts, or equivalent arrangements; such contracts or equivalent arrangements must be executed by the notifier and the owner or operator of the recovery	262.85(a)	262.85(a)	X			
--	-----------	-----------	---	--	--	--

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
facility and must specify responsibilities for each; such contracts or equivalent arrangements are valid only if participants to the contract have appropriate legal status						
contracts or equivalent arrangements must specify name and EPA identification number, where available, of:	262.85(b)	262.85(b)	X			
generator of each type of waste;	262.85(b)(1)	262.85(b)(1)	X			
each person who will have physical custody of wastes;	262.85(b)(2)	262.85(b)(2)	X			
each person who will have legal control of wastes; and	262.85(b)(3)	262.85(b)(3)	X			
the recovery facility	262.85(b)(4)	262.85(b)(4)	X			
contracts or equivalent arrangements must specify the party who will assume responsibility for alternate waste management if its disposition cannot be carried out as described in the notification of intent to export; contracts must specify:	262.85(c)	262.85(c)	X			
person with actual possession or physical control of wastes must immediately inform	262.85(c)(1)	262.85(c)(1)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
notifier and competent authorities of the exporting and importing countries; if wastes located in a country of transit, notify competent authorities of that country; and						
person specified in contract assumes responsibility for adequate management of wastes in compliance with applicable laws including arranging for the return of the waste to original country of export, if necessary	262.85(c)(2)	262.85(c)(2)	X			
contracts must specify that the consignee will provide notification as required in 262.82(c) prior to re-export to a third country	262.85(d)	262.85(d)	X			
contracts or equivalent arrangements must include financial guarantee provisions, if required, in accordance with applicable national or international law	262.85(e)	262.85(e)	X			
contracts or equivalent arrangements must require compliance with all applicable requirements of part 262 subpart H	262.85(f)	262.85(f)	X			
upon EPA request, U.S. notifiers, consignees, or recovery facilities must submit to EPA copies of	262.85(g)	262.85(g)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
contracts, chain of contracts or equivalent arrangements; confidential information as asserted in accordance with 40 CFR 2.203(b) in the contracts or equivalent arrangements will be disclosed by EPA only as provided in 260.2						
† PROVISIONS RELATING TO RECOGNIZED TRADERS						
a recognized trader who takes physical custody of waste and conducts recovery operations is acting as the owner or operator of a recovery facility and must be authorized in accordance with applicable Federal law	262.86(a)	262.86(a)	X			
a recognized trader acting as notifier or consignee must comply with the requirements of part 262 subpart H	262.86(b)	262.86(b)	X			
† REPORTING AND RECORDKEEPING						
for all waste movements subject to part 262 subpart H, primary exporters, as defined in 262.51, shall file annual reports no later than March 1 of each year that summarize the types, quantities, frequency, and ultimate destination of all hazardous waste exported during previous calendar	262.87(a)	262.87(a)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
year; such reports shall include:						
EPA identification number, name, mailing and site address of the notifier filing report	262.87(a)(1)	262.87(a)(1)	X			
calendar year covered by the report	262.87(a)(2)	262.87(a)(2)	X			
name and site address of each final recovery facility	262.87(a)(3)	262.87(a)(3)	X			
for each hazardous waste exported by a final recovery facility, a description of the hazardous waste, EPA hazardous waste number, OECD waste type(s) and waste code, DOT hazard class, name and EPA identification number of each transporter, total amount of waste shipped, and number of shipments pursuant to each notification	262.87(a)(4)	262.87(a)(4)	X			
in even numbered years, for each hazardous waste exported, except for hazardous waste produced by exporters of greater than 100 kg but less than 1000 kg in a calendar month, and except for waste for which information already provided pursuant to 262.41:	262.87(a)(5)	262.87(a)(5)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
description of efforts to reduce volume and toxicity of waste generated; and	262.87(a)(5)(i)	262.87(a)(5)(i)	x			
description of changes in volume and toxicity achieved during the year in comparison to previous years; and	262.87(a)(5)(ii)	262.87(a)(5)(ii)	x			
certification signed by primary exporter that the information is true, accurate, and complete	262.87(a)(6)	262.87(a)(6)	x			
exception reports; persons meeting the definition of primary exporter in 262.51 must file an exception report with the Administrator in lieu of the requirements of 262.42 if any of the following occurs:	262.87(b)	262.87(b)	x			
he has not received a copy of the tracking document signed by the transporter stating the point of departure of the waste from the U.S. within 45 days from date it was accepted by initial transporter	262.87(b)(1)	262.87(b)(1)	x			
within 90 days from the date the waste was accepted by the initial transporter, the notifier has not received written confirmation that the hazardous waste was	262.87(b)(2)	262.87(b)(2)	x			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
received						
waste is returned to U.S.	262.87(b)(3)	262.87(b)(3)	X			
recordkeeping	262.87(c)	262.87(c)	X			
persons meeting the definition of primary exporter in 262.51 shall keep the following records:	262.87(c)(1)	262.87(c)(1)	X			
a copy of each notification of intent to export and all written consents obtained from competent authorities of concerned countries for at least 3 years from the date the waste was accepted by the initial transporter	262.87(c)(1)(i)	262.87(c)(1)(i)	X			
a copy of each annual report for at least 3 years from the due date of the report; and	262.87(c)(1)(ii)	262.87(c)(1)(ii)	X			
a copy of any exception reports and a copy of each confirmation of delivery sent by the recovery facility to the notifier for at least 3 years as specified	262.87(c)(1)(iii)	262.87(c)(1)(iii)	X			
periods of retention are automatically extended during unresolved enforcement action or as requested by Administrator	262.87(c)(2)	262.87(c)(2)	X			

† PRE-APPROVAL FOR U.S. RECOVERY FACILITIES

[reserved]	262.88	262.88	X			
------------	--------	--------	---	--	--	--

† OECD WASTE LISTS

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
for the purposes of part 262 subpart H, a waste is considered hazardous if the waste:	262.89(a)	262.89(a)	x			
meets Federal definition of hazardous waste in 261.3; and	262.89(a)(1)	262.89(a)(1)	x			
is subject to the RCRA manifesting requirements at part 262, subpart B, to the universal waste standards of part 273, or to State requirements analogous to part 273	262.89(a)(2)	262.89(a)(2)	x			
if waste is hazardous under 262.89(a) and appears on the amber or red list, it is subject to amber- or red-list requirements, respectively	262.89(b)	262.89(b)	x			
if waste is hazardous under 262.89(a) and does not appear on either the amber or red lists, it is subject to red-list requirements	262.89(c)	262.89(c)	x			
the appropriate control procedures for hazardous waste and hazardous waste mixtures are addressed in 262.82	262.89(d)	262.89(d)	x			
OECD Green, Amber, and Red Lists as set forth in Appendices 3, 4, and 5 to the OECD Council Decision C(92)39/FINAL are incorporated by	262.89(e)	262.89(e)	x			

RCRA REVISION CHECKLIST 152: Imports and Exports of Hazardous Waste: Implementation of OECD Council Decision (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
reference as they existed on date of approval; notice of any change will be published in the <u>Federal Register</u> ; these materials are available for inspection at Office of Federal Register and may be obtained from the Organization for Economic Cooperation, France						

PART 263 - STANDARDS APPLICABLE TO TRANSPORTERS OF HAZARDOUS WASTE

SUBPART A - GENERAL

SCOPE

† add new paragraph; transporters of hazardous waste subject to RCRA manifesting requirements of part 262, part 273, or State requirements analogous to part 273, that is being imported or exported to any countries listed in 262.58(a)(1) for the purposes of recovery, is subject to part 263 subpart A, part 262 subpart H, including, but not limited to, 262.84 for tracking documents	263.10(d)	263.10(d)	X			
---	-----------	-----------	---	--	--	--

THE MANIFEST SYSTEM

† after "In the case of exports" insert "other than those subject to subpart H of 40 CFR part 262"; delete "(1)" after "other	263.20(a)	263.20(a)	X			
---	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
person"; delete "(2)" after "Consent; and"; add new last sentence "For exports of hazardous waste subject to the requirements of subpart H of 40 CFR part 262, a transporter may not accept hazardous waste without a tracking document that includes all information required by 40 CFR 262.84"						

**PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE
TREATMENT, STORAGE, AND DISPOSAL FACILITIES**

SUBPART B - GENERAL FACILITY STANDARDS

REQUIRED NOTICES

† redesignate former 264.12(a) as 264.12(a)(1)	264.12(a)(1)	264.12(a)(1)	x			
† add new paragraph; owner or operator of a recovery facility that has arranged to receive hazardous waste subject to part 262 subpart H, must provide a copy of the tracking document bearing all signatures to the notifier, the Office of Enforcement and Compliance Assurance, Office of Compliance, Enforcement Planning, Targeting and Data Division, and to the competent authorities of all concerned countries within three working days of receipt of shipment; the	264.12(a)(2)	264.12(a)(2)	x			

RCRA REVISION CHECKLIST 152: Imports and Exports of Hazardous Waste: Implementation of OECD Council Decision (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
original signed tracking document must be maintained for at least three years						

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

USE OF MANIFEST SYSTEM

† add new paragraph after comment; within three working days of receipt of a shipment subject to part 262 subpart H, the owner or operator of the facility must provide a copy of the tracking document bearing all signatures to notifier, Office of Enforcement and Compliance Assurance, Office of Compliance, Enforcement Planning, Targeting and Data Division, and to competent authorities of all concerned countries; original tracking document must be maintained for at least three years from date of signature	264.71(d)	264.71(d)	X			
---	-----------	-----------	---	--	--	--

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

SUBPART B - GENERAL FACILITY STANDARDS

REQUIRED NOTICES

† redesignate former 265.12(a) as 265.12(a)(1)	265.12(a)(1)	265.12(a)(1)	X			
† add new paragraph; owner or operator of a recovery	265.12(a)(2)	265.12(a)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 152: Imports and Exports of Hazardous Waste: Implementation of OECD Council Decision (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
<p>facility that has arranged to receive hazardous waste subject to part 262 subpart H, must provide a copy of the tracking document bearing all signatures to the notifier, the Office of Enforcement and Compliance Assurance, Office of Compliance, Enforcement Planning, Targeting and Data Division, and to the competent authorities of all concerned countries within three working days of receipt of shipment; the original signed tracking document must be maintained for at least three years</p>						

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

USE OF THE MANIFEST SYSTEM

<p>† add new paragraph after comment; within three working days of receipt of a shipment subject to part 262 subpart H, owner or operator of the facility must provide a copy of the tracking document bearing all signatures to notifier, Office of Enforcement and Compliance Assurance, Office of Compliance, Enforcement Planning, Targeting and Data Division, and to competent</p>	<p>265.71(d)</p>	<p>265.71(d)</p>	<p>X</p>			
--	------------------	------------------	----------	--	--	--

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
authorities of all concerned countries; original tracking document must be maintained for at least three years from date of signature						

**PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS
WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES**

SUBPART F - RECYCLABLE MATERIALS UTILIZED FOR PRECIOUS METAL RECOVERY

APPLICABILITY AND REQUIREMENTS

† add "and" at end of paragraph	266.70(b)(2)	266.70(b)(2)	X			
†,2 add new paragraph; for precious metals exported to or imported from OECD countries for recovery, persons who generate, transport or store recyclable materials are subject to part 262 subpart H, 265.12(a)(1) and 265.12(a)(2); for precious metals exported or imported from non-OECD countries, such persons are subject to part 262 subparts E and F	266.70(b)(3)	266.70(b)(3)	X			

PART 273 - STANDARDS FOR UNIVERSAL WASTE MANAGEMENT

SUBPART B - STANDARDS FOR SMALL QUANTITY HANDLERS OF UNIVERSAL WASTE

† EXPORTS

insert "other than to those OECD countries specified in 40 CFR 262.58(a)(1) (in which case the handler is subject to the	273.20	273.20	X			
--	--------	--------	---	--	--	--

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
requirements of 40 CFR part 262, subpart H) after "foreign destination"						

SUBPART C - STANDARDS FOR LARGE QUANTITY HANDLERS OF UNIVERSAL WASTE

† EXPORTS

insert "other than to those OECD countries specified in 40 CFR 262.58(a)(1) (in which case the handler is subject to the requirements of 40 CFR part 262, subpart H)" after "foreign destination"	273.40	273.40	X			
---	--------	--------	---	--	--	--

SUBPART D - STANDARDS FOR UNIVERSAL WASTE TRANSPORTERS

† EXPORTS

insert "other than to those OECD countries specified in 40 CFR 262.58(a)(1) (in which case the transporter is subject to the requirements of 40 CFR part 262, subpart H)" after "foreign destination"	273.56	273.56	X			
---	--------	--------	---	--	--	--

SUBPART F - IMPORT REQUIREMENTS

† IMPORTS

replace "below" with "in paragraphs (a) through (c) of this section"	273.70 intro	273.70 intro	X			
add new paragraph; persons managing universal waste imported from OECD country as specified in 262.58(a)(1) are subject to 273.70(a)	273.70(d)	273.70 (d)	X			

**RCRA REVISION CHECKLIST 152: Imports and Exports of
Hazardous Waste: Implementation of OECD Council Decision (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
through (c) in addition to part 262 subpart H						

- 1 There is a typographical error in the Federal Register for this rule: "Green-list waste" should be "Green-list wastes".
- 2 There is a typographical error in §266.70(b)(3) in the Federal Register for this rule. In the sentence "For precious metals exported to or imported from designated OECD member countries for recovery, subpart H of part 262 and §265.12(a)(2) of this chapter.", after "for recovery," insert "persons who generate, transport or store recyclable materials are subject to".

RCRA REVISION CHECKLIST 154

Consolidated Organic Air Emission Standards for Tanks,
Surface Impoundments, and Containers
59 FR 62896-62953
December 6, 1994

as amended by
60 FR 26828-26829, May 19, 1995
60 FR 50426-50430, September 29, 1995
60 FR 56952-56954, November 13, 1995
61 FR 4903-4916, February 9, 1996
61 FR 28508-28510, June 5, 1996
61 FR 59932-59997, November 25, 1996

(RCRA Cluster VII, HSWA provisions)

Notes: 1) This special consolidated checklist addresses changes made to the Federal code by the December 6, 1994 final rule regarding Subpart CC standards (59 FR 62896), as well as six subsequent final rules. With the publication of the November 25, 1996 final rule, EPA is issuing this Consolidated Revision Checklist to aid States in correctly adopting the changes made by the seven rules. Note that the State modification deadline for this consolidated checklist is July 1, 1998 (or July 1, 1999 if a statutory change is necessary) based on the promulgation date of the most recent of the amendments.

2) Due to the large number of rules (seven total) that comprise Consolidated Revision Checklist 154, a "Rule" reference column has been added to this checklist to reflect the rule(s) that affected each provision. The rules are designated as follows:

- 154: 61 FR 59932-59997 (November 25, 1996)
- 154.1: 59 FR 62896-62953 (December 6, 1994) (Formerly Revision Checklist 138)
- 154.2: 60 FR 26828-26829 (May 19, 1995) (Formerly Revision Checklist 143)
- 154.3: 60 FR 50426-50430 (September 29, 1995) (Formerly Revision Checklist 146)
- 154.4: 60 FR 56952-56954 (November 13, 1995) (Formerly Revision Checklist 143.1)
- 154.5: 61 FR 4903-4916 (February 9, 1996) (Formerly Revision Checklist 149)
- 154.6: 61 FR 28508-28510 (June 5, 1996) (Formerly Revision Checklist 143.2)

3) Note that this checklist adds a new method to Appendix A of 40 CFR Part 60. This addition has been included because this method is referenced in Subpart CC of both Part 264 and Part 265. Thus, a State must either directly reference the method at 40 CFR Part 60, Appendix A or incorporate this method into its regulations and reference the method within its regulations. If the first approach is used, the State must make sure that its Administrative Procedures Act allows the State to reference the Federal regulations. While the following regulations/methods/appendices were not added by this rule, they are referenced in this new rule. A State, thus, must either directly reference these regulations/methods/appendices or incorporate them into its regulations and reference the appropriate State analog:

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

- 40 CFR part 60
 - Specific references noted:
 - 60.112(b)
 - 60.114(b)
 - Subpart VV
 - Appendix A

- 40 CFR part 61
 - Specific references noted:
 - 61.346(a)(1)
 - 61.346(b)(1) through (b)(3)
 - Subpart V

- 40 CFR part 63
 - Specific references noted:
 - Appendix A
 - Appendix C

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 60 - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

APPENDIX A TO PART 60

TEST METHOD

add Method 25E-Determination of Vapor Phase Organic Concentration in Waste Samples	154.1	Appendix A	N/A				
--	-------	------------	-----	--	--	--	--

PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART B - DEFINITIONS

REFERENCES

add "API Publication 2517, Third Edition, February 1989, "Evaporative Loss from External Floating Roof Tanks""	154.1	260.11(a)	260.11(a)	X			
add "ASTM Standard Test Method for Vapor Pressure-- Temperature Relationship & Initial Decomposition Temperature of Liquids by Isoteniscope"	154.1	260.11(a)	260.11(a)	X			

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
change <u>Federal Register</u> address to "800 North Capitol Street, NW., Suite 700, Washington, DC."	154.1	260.11(b)	260.11(b)	X			

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

REQUIREMENTS FOR RECYCLABLE MATERIALS

replace "owners or operators" with "owners and operators"; delete "and" prior to "BB"; insert ", and CC" following "BB"	154	261.6(c)(1)	261.6(c)(1)	X			
---	-----	-------------	-------------	---	--	--	--

PART 262 - STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE

SUBPART C - PRE-TRANSPORT REQUIREMENTS

0.00 ACCUMULATION TIME

1 [no change] in containers and generator complies with Subpart I of Part 265; and/or	154.1 154.5 154	262.34(a)(1)(i)	262.34(a)(1)(i)	X			
1 [no change] in tanks and generator complies with Subpart J of Part 265, except 265.197(c) and 265.200; and/or	154.1 154	262.34(a)(1)(ii)	262.34(a)(1)(ii)	X			
insert "of this chapter" after "part 265"; change "§" to "§§"; insert "and 265.178" after "265.176"	154.1	262.34(d)(2)	262.34(d)(2)	X			

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART B - GENERAL FACILITY STANDARDS

GENERAL WASTE ANALYSIS

add "264.1083," after "264.1063(d)"	154.1	264.13(b)(6)	264.13(b)(6)	X			
owners/operators seeking exemption to subpart CC air emission standards in accordance with 264.1082	154.1	264.13(b)(8)	264.13(b)(8)	X			

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
if direct measurement used for determination, procedures & schedules for waste sampling & analysis, & results of analysis to verify exemption	154.1 154.5	264.13(b)(8)(i)	264.13(b)(8)(i)	X			
if knowledge of waste is used for waste determination, any information that is used as basis for knowledge	154.1 154.5	264.13(b)(8)(ii)	264.13(b)(8)(ii)	X			

GENERAL INSPECTION REQUIREMENTS

remove the "and" preceding "264.1058"; add "264.1088, and 264.1091(b)" after "264.1058"	154.1	264.15(b)(4)	264.15(b)(4)	X			
---	-------	--------------	-------------------------	---	--	--	--

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

OPERATING RECORD

insert "and waste determinations" after "waste analyses"; add "264.1083," after "264.1063,"	154.1	264.73(b)(3)	264.73(b)(3)	X			
2 insert "of this part" after "subpart F"; replace "264.252-264.254" with "264.252 through 264.254"; replace "264.302-264.304" with "264.302 through 264.304"; replace "264.1034(c)-264.1034(f)" with "264.1034(c) through 264.304(f)"; replace "264.1063(d)-264.1063(i)" with "264.1063(c) through 264.1063(i)"; delete the "and" before "264.1064" and add "264.1088, 264.1089, and 264.1091" after "264.1064"	154.1	264.73(b)(6)	264.73(b)(6)	X			

ADDITIONAL REPORTS

remove "and" after "AA"; insert ". and CC of this part" after "BB"	154.1	264.77(c)	264.77(c)	X			
--	-------	-----------	----------------------	---	--	--	--

SUBPART I - USE AND MANAGEMENT OF CONTAINERS

AIR EMISSION STANDARDS

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
owners/operators subject to applicable requirements of 264, Subparts AA, BB, and CC, if they place hazardous waste in container	154.1 154	264.179	264.179	X			

SUBPART J - TANK SYSTEMS

AIR EMISSION STANDARDS

owners/operators subject to applicable requirements of 264, Subparts AA, BB, and CC if they place hazardous waste in a tank	154.1 154	264.200	264.200	X			
---	--------------	---------	---------	---	--	--	--

SUBPART K - SURFACE IMPOUNDMENTS

AIR EMISSION STANDARDS

owners/operators subject to applicable requirements of 264, Subparts BB and CC if they place hazardous waste in surface impoundment	154.1 154	264.232	264.232	X			
---	--------------	---------	---------	---	--	--	--

SUBPART X - MISCELLANEOUS UNITS

ENVIRONMENTAL PERFORMANCE STANDARDS

insert "and subparts AA through CC" after "subparts I through O"	154.1	264.601	264.601	X			
--	-------	---------	---------	---	--	--	--

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS							
APPLICABILITY							
delete first "§"; insert ", paragraphs" prior to "(d)"; remove hyphen in "10-ppmw"; insert "one of the following" at end of sentence	154	264.1030(b)	264.1030(b)	X			
replace "Units" with "A unit"; replace "are subject" with "is subject"; insert "40 CFR" before "part 270"	154	264.1030(b)(1)	264.1030(b)(1)	X			
completely revise paragraph: unit not exempt from permitting under 262.34(a) & is located at a hazardous waste management facility subject to part 270. or	154	264.1030(b)(2)	264.1030(b)(2)	X			
unit that is exempt from permitting under 262.34(a)	154	264.1030(b)(3)	264.1030(b)(3)	X			
delete "262.34" from note at end of section	154	264.1030/note at end	264.1030 Note	X			
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES							
in second sentence, replace "18 months" with "30 months"	154.5	264.1033(a)(2)	264.1033(a)(2)	X			
replace "at two locations and have" with "with"; replace first "°C" with "degrees Celsius (°C)"; replace "One temperature" with "The temperature"; replace ", and a second temperature sensor shall be installed at a location in the coolant fluid exiting the condenser" with "exit (i.e., product side)"	154	264.1033(f)(2)(vi)(B)	264.1033(f)(2)(vi)(B)	X			
add new paragraph: design requirements for closed-vent system are either:	154	264.1033(k)	264.1033(k)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
completely revise: to operate with no detectable emissions as determined by 264.1034(b) & visual inspections; or	154	264.1033(k)(1)	264.1033(k)(1)	X			
completely revise: to operate at a pressure below atmospheric pressure; how to equip system	154.1 154.5 154	264.1033(k)(2)	264.1033(k)(2)	X			
redesignate 264.1033(l) as 264.1033(m); add new 264.1033(l): owner/operator to monitor & inspect closed-vent system to ensure proper operation & maintenance by implementing following:	154	264.1033(l)	264.1033(l)	X			
closed-vent system used to comply with 264.1033(k)(1) shall be inspected & monitored in accordance with:	154	264.1033(l)(1)	264.1033(l)(1)	X			
initial leak detection monitoring shall be conducted by owner/operator using procedures in 264.1034(b)	154	264.1033(l)(1)(i)	264.1033(l)(1)(i)	X			
owner/operator shall inspect & monitor the closed-vent system, after initial leak detection monitoring required in 264.1033(l)(1)(i)	154	264.1033(l)(1)(ii)	264.1033(l)(1)(ii)	X			
	154	264.1033(l)(1)(ii)(A)	264.1033(l)(1)(ii)(A)	X			
	154	264.1033(l)(1)(ii)(B)	264.1033(l)(1)(ii)(B)	X			
in event that defect or leak is detected, the owner/operator shall repair in accordance with 264.1033(l)(3)	154	264.1033(l)(1)(iii)	264.1033(l)(1)(iii)	X			
owner/operator shall maintain record of inspection & monitoring in accordance with 264.1035	154	264.1033(l)(1)(iv)	264.1033(l)(1)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROAD-ER SCOPE
a closed-vent system used to comply with 246.1033(k)(2) shall be inspected & monitored in accordance with specified requirements	154	264.1033(l)(2)	264.1033(l)(2)	X			
	154	264.1033(l)(2)(i)	264.1033(l)(2)(i)	X			
	154	264.1033(l)(2)(ii)	264.1033(l)(2)(ii)	X			
	154	264.1033(l)(2)(iii)	264.1033(l)(2)(iii)	X			
	154	264.1033(l)(2)(iv)	264.1033(l)(2)(iv)	X			
owner/operator shall repair all detected defects as follows:	154	264.1033(l)(3)	264.1033(l)(3)	X			
detectable emissions shall be controlled as soon as practicable, but not later than 15 days after detection, except as in 264.1033(l)(3)(iii)	154	264.1033(l)(3)(i)	264.1033(l)(3)(i)	X			
first attempt at repair to be made no later than 5 days after emission is detected	154	264.1033(l)(3)(ii)	264.1033(l)(3)(ii)	X			
when delay of closed-vent repair allowed; if repair is infeasible without shutdown or emissions resulting from repair are greater than those from delay, then repair shall be completed by end of next shutdown	154	264.1033(l)(3)(iii)	264.1033(l)(3)(iii)	X			
owner/operator shall maintain record of repair in accordance with 264.1035	154	264.1033(l)(3)(iv)	264.1033(l)(3)(iv)	X			
redesignate former 264.1033(l) as (m)	154	264.1033(m)	264.1033(m)	X			
3 owner/operator using carbon adsorption system shall document that carbon that is hazardous & removed from control device is managed in one of following manners:	154.1 154.5 154	264.1033(n)	264.1033(n)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
regenerated or reactivated in a thermal treatment unit that meets one of following:	154.1 154.5 154	264.1033(n)(1)	264.1033 (n)(1)	X			
owner/operator has been issued final permit under part 270, which implements subpart X requirements; or	154	264.1033(n)(1) (i)	264.1033 (n)(1)(i)	X			
unit is equipped with & operating air emission controls in accordance with subparts AA & CC of 264 or 265; or	154	264.1033(n)(1) (ii)	264.1033 (n)(1)(ii)	X			
unit is equipped with & operating air emission controls in accordance with national emission standards of parts 61 or 63	154	264.1033(n)(1) (iii)	264.1033 (n)(1)(iii)	X			
incinerated in a hazardous waste incinerator for which the owner/operator either:	154.1 154.5 154	264.1033(n)(2)	264.1033 (i)(2)	X			
has been issued a final permit under part 270 which implements the requirements of subpart O; or	154.5 154	264.1033(n)(2) (i)	264.1033 (n)(2)(i)	X			
has designed & operates the incinerator in accordance with part 265, subpart O	154.5 154	264.1033(n)(2) (ii)	264.1033 (n)(2)(ii)	X			
burned in a boiler or industrial furnace for which owner/operator either:	154.1 154.5 154	264.1033(n)(3)	264.1033 (i)(3)	X			
has been issued a final permit under part 270 which implements part 266, subpart H ; or	154.5 154	264.1033(n)(3) (i)	264.1033 (n)(3)(i)	X			
has designed & operates boiler or industrial furnace in accordance with part 266, subpart H	154.5 154	264.1033(n)(3) (ii)	264.1033 (n)(3)(ii)	X			
any components of a closed-vent system designated in 264.1035(c) (9) as unsafe are exempt from requirements of 264.1033(l)(1)(ii) (B) if:	154	264.1033(o)	264.1033(o)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
owner/operator determines that monitoring personnel would be in danger as a consequence of complying; &	154	264.1033(o)(1)	264.1033(o)(1)	X			
owner/operator adheres to written plan requiring monitoring using procedure in 264.1033(l)(1)(ii)(B) as frequently as practicable	154	264.1033(o)(2)	264.1033(o)(2)	X			
TEST METHODS AND PROCEDURES							
replace "§264.1033(k)" with "§264.1033(l) of this subpart"	154	264.1034(b)	264.1034(b)	X			
RECORDKEEPING REQUIREMENTS							
recordkeeping requirements for owner/operator designating any components of a closed-vent system as unsafe to monitor pursuant to 264.1033(o)	154	264.1035(c)(9)	264.1035(c)(9)	X			
when each leak is detected as in 264.1033(l), the following shall be recorded:	154	264.1035(c)(10)	264.1035(c)(10)	X			
instrument number, closed-vent system component ID number, & operator name, initials, or ID number	154	264.1035(c)(10)(i)	264.1035(c)(10)(i)	X			
date leak was detected & date of first attempt to repair	154	264.1035(c)(10)(ii)	264.1035(c)(10)(ii)	X			
date of successful repair	154	264.1035(c)(10)(iii)	264.1035(c)(10)(iii)	X			
maximum instrument reading by Method 21, part 60, Appendix A	154	264.1035(c)(10)(iv)	264.1035(c)(10)(iv)	X			
"repair delayed" & reason for delay if not repaired within 15 days	154	264.1035(c)(10)(v)	264.1035(c)(10)	X			
develop written procedure that identifies conditions that justify delay of repair	154	264.1035(c)(10)(v)(A)	264.1035(c)(10)(v)(A)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
documentation requirement if repair delay was caused by depletion of stocked parts	154	264.1035(c)(10)(v)(B)	264.1035 ⁵ (10)(v)(B)	X			
replace "(c)(3)-(c)(8)" with "(c)(3) through (c)(10)"; replace "need be kept only 3 years" with "shall be maintained by the owner/operator for at least 3 years following the date of each occurrence, measurement, maintenance, corrective action, or record"	154	264.1035(d)	264.1035 ^(d)	X			

SUBPART BB - AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS

APPLICABILITY

insert "one of the following" after "managed in"	154	264.1050(b)	264.1050(b)	X			
replace "Units that are" with "A unit that is"; insert "40 CFR" before "part 270"	154	264.1050(b)(1)	264.1050 (b)(1)	X			
completely revise subparagraph: unit not exempt from permitting under 262.34(a) & is located at a hazardous waste management facility otherwise subject to part 270, or	154	264.1050(b)(2)	264.1050 (b)(2)	X			
unit exempt from permitting under 262.34(a)	154	264.1050(b)(3)	264.1050 (b)(3)	X			
equipment that contains or contacts hazardous waste with specific organic concentration is excluded from 264.1052-264.1060 if identified as required in 264.1064(g)(6)	154	264.1050(f)	264.1050 (f)	X			
delete reference to "262.34" from note	154	264.1050/note at end	264.1050 note	X			

STANDARDS: SAMPLING CONNECTION SYSTEMS

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADEN SCOPE
replace "closed purge system" with "closed-purge, closed loop"; insert second & third sentences regarding reason for sample purge system & that gases displaced during filling do not require collection	154	264.1055(a)	264.1055(a)	X			
replace "system" following "closed-purge" with ", closed-loop,"; insert "of this section" following "paragraph (a)"; insert "meet one of the following requirements" after "shall"	154	264.1055(b)	264.1055(b)	X			
completely revise subparagraph: return purged process fluid directly to process line:	154	264.1055(b)(1)	264.1055(b)(1)	X			
replace "hazardous waste stream with no detectable emissions to atmosphere," with "process fluid;"	154	264.1055(b)(2)	264.1055(b)(2)	X			
completely revise subparagraph: be designed & operated to capture & transport purged process fluid to a waste management unit that complies with 264.1084-264.1086 or a control device that complies with 264.1060	154	264.1055(b)(3)	264.1055(b)(3)	X			
insert "and sampling systems without purges" after "systems"	154	264.1055(c)	264.1055(c)	X			
STANDARDS: PUMPS AND VALVES IN HEAVY LIQUID SERVICE, PRESSURE RELIEF DEVICES IN LIGHT LIQUID OR HEAVY LIQUID SERVICE; AND FLANGES AND OTHER CONNECTORS							
exemption from the 265.1058(a) & 264.1064 requirements for inaccessible, ceramic or ceramic-lined connectors	154	264.1058(e)	264.1058(e)	X			
RECORDKEEPING REQUIREMENTS							
identification of equipment that contains or contacts hazardous waste with certain characteristics	154	264.1064(g)(6)	264.1064(g)(6)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	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

4 264, Subpart CC requirements apply to owners/operators of all facilities that treat, store, or dispose of hazardous waste in tanks, surface impoundments, or containers except as in 264.1 & 264.1080(b)	154.1	264.1080(a)	264.1080(a)	X			
264, Subpart CC requirements do not apply to the following waste management units at the facility:	154.1	264.1080(b)	264.1080(b)	X			
waste management unit that holds hazardous waste placed in it before October 6, 1996 & to which none is added on or after this date	154.1 154.2 154.4 154.6	264.1080(b)(1)	264.1080(b)(1)	X			
container with design capacity of less than or equal to 0.1 m ³	154.1	264.1080(b)(2)	264.1080(b)(2)	X			
tank to which an owner/operator has stopped adding hazardous waste & has begun implementing or completed closure pursuant to plan	154.1	264.1080(b)(3)	264.1080(b)(3)	X			
surface impoundment in which owner/operator has stopped adding hazardous waste & has begun implementing or completed closure pursuant to plan	154.1	264.1080(b)(4)	264.1080(b)(4)	X			
waste management unit used solely for on-site treatment or storage of hazardous waste generated from remedial activities	154.1	264.1080(b)(5)	264.1080(b)(5)	X			
waste management unit used solely for management of radioactive mixed waste	154.1	264.1080(b)(6)	264.1080(b)(6)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA- IN SCU.
hazardous waste management unit equipped with & operating air emission controls in accordance with Clean Air Act; a tank for which air emission control includes an enclosure must comply with 264.1084(i), except as in 264.1082(c)(5)	154	264.1080(b)(7)	264.1080 (b)(7)	X			
tank with process vent as defined in 264.1031	154	264.1080(b)(8)	264.1080 (b)(8)	X			
for owners/operators of a facility subject to 264, Subpart CC & who have received a final permit before October 6, 1996, 264, Subpart CC requirements are incorporated into a permit when reissued or reviewed; until such date owner/operator is subject to 265, Subpart CC requirements	154.1 154.2 154.4 154.6	264.1080(c)	264.1080 (c)	X			
administrative stay of subpart CC requirements, with exception of 264.1089(i), for tanks or containers used to manage hazardous waste from organic peroxide manufacturing & associated laboratory operations when owner/operator meets the specified conditions	154.3	264.1080(d)	264.1080 (d)	X			
	154.3	264.1080(d)(1)	264.1080 (d)(1)	X			
	154.3	264.1080(d)(2)	264.1080 (d)(1)	X			
	154.3	264.1080(d)(3)	264.1080 (d)(3)	X			
DEFINITIONS							
264, Subpart CC terms have meanings given them in 265.1081, the Act, & Parts 260-266	154.1	264.1081	264.1081	X			
STANDARDS: GENERAL							
5 264.1082 applies to management of hazardous waste in tanks, surface impoundments, & containers subject to 264, Subpart CC	154.1 154	264.1082(a)	264.1082 (a)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall control air pollutant emissions from waste management unit in accordance with 264.1084-1087, except as in 264.1082(c)	154.1 154	264.1082(b)	264.1082 (b)	X			
tank, surface impoundment, or container is exempt from 264.1084- 264.1087, provided that it is:	154.1 154	264.1082(c)	264.1082 (c)	X			
tank, surface impoundment, or container for which entering hazardous waste has average VO concentration at point of origination of less than 500 ppmw; how VO concentration is determined; frequency of reviews & updates	154.1 154	264.1082(c)(1)	264.1082 (c)(1)	X			
tank, surface impoundment, or container for which the organic content of hazardous waste entering the waste management unit is reduced by organic destruction or removal that achieves any of the following conditions:	154.1 154	264.1082(c)(2)	264.1082 (c)(2)	X			
5 process that removes or destroys organics to level such that average VO concentration at the point of treatment < the exit concentration limit established for the process; how average VO concentration is determined	154.1 154	264.1082(c)(2) (i)	264.1082 (c)(2)(i)	X			
process that removes or destroys organics to level such that organic reduction efficiency ≥ 95% & average VO concentration at point of treatment is < 100 ppmw; how organic reduction efficiency & average VO concentration are determined	154.1 154	264.1082(c)(2) (ii)	264.1082 (c)(2)(ii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 1
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG I			BROADER IN SCOPE
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	
6 process that removes or destroys organics to level such that actual organic mass removal rate \geq required organic mass removal rate established for the process; how required organic mass removal rate & actual organic mass removal rate are determined	154.1 154.5 154	264.1082(c)(2)(iii)	264.1082 (c)(2)(vii)	X			
5 biological process that destroys or degrades organics contained in hazardous waste such that either of following conditions is met: organic reduction efficiency for process \geq 95% & organic biodegradation efficiency \geq 95%; how organic reduction efficiency & biodegradation efficiency are determined	154.1 154	264.1082(c)(2)(iv)	264.1082 (c)(2)(iv)	X			
5 total actual organic mass biodegradation rate for hazardous waste treated by the process \geq required organic mass removal rate; how organic mass removal rate & actual mass biodegradation rate are determined	154.1 154	264.1082(c)(2)(iv)(A)	264.1082 (c)(2)(iv)(A)	X			
process that removes or destroys organics contained in hazardous waste & meets all of the specified conditions	154.1 154	264.1082(c)(2)(iv)(B)	264.1082 (c)(2)(iv)(B)	X			
	154.1 154	264.1082(c)(2)(v)	264.1082 (c)(2)(v)	X			
	154.1 154	264.1082(c)(2)(v)(A)	264.1082 (c)(2)(v)(A)	X			
	154.1 154	264.1082(c)(2)(v)(B)	264.1082 (c)(2)(v)(B)	X			
7 process that removes or destroys organics in hazardous waste to specified levels; specified levels to be determined using procedures in 264.1083(a)&(b)	154	264.1082(c)(2)(v)(C)	264.1082 (c)(2)(v)(C)	X			
7 hazardous waste incinerator for which owner/operator has either:	154.1 154	264.1082(c)(2)(vi)	264.1082 (c)(2)(vi)	X			
	154.1 154	264.1082(c)(2)(vii)	264.1082 (c)(2)(vii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
been issued a final permit under part 270 which implements subpart O; or	154.1 154	264.1082(c)(2) (vii)(A)	264.1082 (c)(2)(vii)(A)	X			
has designed & operates the incinerator in accordance with interim status requirements of part 265, subpart O	154.1 154	264.1082(c)(2) (vii)(B)	264.1082 (c)(2)(vii)(B)	X			
7 boiler or industrial furnace for which owner/operator has either:	154.1 154	264.1082(c)(2) (viii)	264.1082 (c)(2)(viii)	X			
been issued a final permit under part 270 which implements part 266, subpart H; or	154.1 154	264.1082(c)(2) (viii)(A)	264.1082 (c)(2)(viii)(A)	X			
designed & operates boiler or industrial furnace in accordance with interim status requirements of 266, subpart H	154.1 154	264.1082(c)(2) (viii)(B)	264.1082 (c)(2)(viii)(B)	X			
for determining performance of organic destruction process, owner/operator shall account for VO concentrations below detection limit by using following:	154	264.1082(c)(2) (ix)	264.1082 (c)(2)(ix)	X			
if Method 25D in part 60, appendix A is used, 1/2 of blank value determined in the method	154	264.1082(c)(2) (ix)(A)	264.1082 (c)(2)(ix)(A)	X			
if other method used, 1/2 of detection limit established for the method	154	264.1082(c)(2) (ix)(B)	264.1082 (c)(2)(ix)(B)	X			
tank used for biological treatment of hazardous waste in accordance with 264.1082(c)(2)(iv)	154	264.1082(c)(3)	264.1082 (c)(3)	X			
tank, surface impoundment, or container for which hazardous waste placed in unit that either:	154	264.1082(c)(4)	264.1082 (c)(4)	X			
meets numerical concentration limits for organic constituents in 268.40; or	154	264.1082(c)(4) (i)	264.1082 (c)(4)(i)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 1
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IF			BRIEF DEF IN SCOPE
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	
been treated as in 268.42(a), or by equivalent method pursuant to 268.42(b)	154	264.1082(c)(4)(ii)	264.1082(c)(4)(ii)	X			
tank used for bulk feed of hazardous waste to an incinerator & all of following are met:	154	264.1082(c)(5)	264.1082(c)(5)	X			
tank is inside enclosure vented to control device designed & operated in accordance with part 61, subpart FF for facility generating \$ 10 megagrams of benzene per year	154	264.1082(c)(5)(i)	264.1082(c)(5)(i)	X			
tank's enclosure & control device installed & began operation prior to November 25, 1996 &	154	264.1082(c)(5)(ii)	264.1082(c)(5)(ii)	X			
enclosure designed & operated in accordance with 52.741, appendix B; allowance for openings; verification as specified in § 5.0	154	264.1082(c)(5)(iii)	264.1082(c)(5)(iii)	X			
8 Regional Administrator may perform, or request owner/operator to perform waste determination for hazardous waste managed in a tank, surface impoundment, or container exempt from air emission controls under 264.1082 as follows:	154.1 154	264.1082(d)	264.1082(d)	X			
waste determination for average VO concentration of hazardous waste at point of origination shall be performed using direct measurement in accordance with 264.1083(a) requirements; how determination will be performed	154.1 154	264.1082(d)(1)	264.1082(d)(1)	X			
9 in performing waste determination pursuant to 264.1082(d)(1), sample preparation shall be conducted as follows:	154	264.1082(d)(2)	264.1082(d)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
in accordance with method used by owner/operator, except as specified by 264.1082(d)(2)(ii)	154	264.1082(d)(2)(i)	264.1082(d)(2)(i)	X			
if Regional Administrator determines owner/ operator's methods inappropriate, then may choose appropriate one	154	264.1082(d)(2)(ii)	264.1082(d)(2)(ii)	X			
9 when owner/operator performs waste determination, Regional Administrator may have authorized representative observe sampling	154.1 154	264.1082(d)(3)	264.1082(d)(3)	X			
9 if results of waste determination performed or requested by Regional Administrator do not agree with results of waste determination performed by owner/operator, then results of waste determination performed under 264.1082(d)(1) shall be used	154.1 154	264.1082(d)(4)	264.1082(d)(4)	X			
9 if averaging period of greater than 1 hour used to determine average VO concentration of hazardous waste at point of origination, Regional Administrator can establish 264, Subpart CC compliance by performing or requesting that owner/operator perform a waste determination based on samples collected within 1-hour period as specified	154.1 154	264.1082(d)(5)	264.1082(d)(5)	X			
	154.1 154	264.1082(d)(5)(i)	264.1082(d)(5)(i)	X			
	154.1 154	264.1082(d)(5)(ii)	264.1082(d)(5)(ii)	X			
	154.1 154	264.1082(d)(5)(iii)	264.1082(d)(5)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADEN IN SCOPE
WASTE DETERMINATION PROCEDURES							
waste determination procedure to determine average VO concentration of hazardous waste at point of origination	154.1 154	264.1083(a)	264.1083 (a)	X			
10 average VO concentration at point of waste origination shall be determined for each hazardous waste placed in a unit exempted under 264.1082(c)(1) from using air emission controls in accordance with 264.1084-1087	154.1 154.5 154	264.1083(a)(1)	264.1083 (a)(1)	X			
average VO concentration of hazardous waste at point of waste origination may be determined in accordance with 265.1084(a)(2)-(4)	154.1 154	264.1083(a)(2)	264.1083 (a)(2)	X			
11 waste determination procedures for treated hazardous waste	154.1 154	264.1083(b)	264.1083 (b)	X			
10 owner/operator shall perform applicable waste determination for each hazardous waste placed in a unit exempted under 264.1082(c)(2) from using air emission controls in accordance with 264.1084-1087	154.1 154.5 154	264.1083(b)(1)	264.1083 (b)(1)	X			
the waste determination for a treated hazardous waste shall be performed in accordance with 265.1084(b)(2)-(9)	154.1 154	264.1083(b)(2)	264.1083 (b)(2)	X			
11 procedure to determine maximum organic vapor pressure of hazardous waste in a tank	154.1 154	264.1083(c)	264.1083 (c)	X			
owner/operator shall determine maximum organic vapor pressure for each hazardous waste placed in a tank using Tank Level 1 controls in accordance with 264.1084(c)	154.1 154	264.1083(c)(1)	264.1083 (c)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
maximum organic vapor pressure of hazardous waste may be determined in accordance with 265.1084(c)(2)-(4)	154.1 154	264.1083(c)(2)	264.1083 (c)(2)	X			
procedure for determining no detectable organic emissions shall be conducted in accordance with 265.1084(d)	154	264.1083(d)	264.1083 (d)	X			

12 STANDARDS: TANKS

provisions of 264.1084 apply to control of air pollutant emissions from tanks for which 264.1082(b) references the use of 264.1084 for such air emission control	154	264.1084(a)	264.1084(a)	X			
owner/operator shall control air pollutant emissions from each tank subject to 264.1084 in accordance with the following:	154	264.1084(b)	264.1084(b)	X			
requirements for a tank that manages hazardous waste & meets the conditions in 264.1084(b)(1)(i)-(iii)	154	264.1084(b)(1)	264.1084 (b)(1)	X			
	154	264.1084(b)(1)(i)	264.1084 (b)(1)(i)	X			
	154	264.1084(b)(1)(i)(A)	264.1084 (b)(1)(i)(A)	X			
hazardous waste in the tank has maximum organic vapor pressure less than limit for tank's capacity category as specified	154	264.1084(b)(1)(i)(B)	264.1084 (b)(1)(i)(B)	X			
	154	264.1084(b)(1)(i)(C)	264.1084 (b)(1)(i)(C)	X			
hazardous waste in the tank is not heated by owner/operator to temperature at which maximum organic vapor pressure is determined to comply with 264.1084(b)(1)(i)	154	264.1084(b)(1)(ii)	264.1084 (b)(1)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BRO. IN SCO.
hazardous waste in tank is not treated by owner/operator using waste stabilization process, as in 265.1081	154	264.1084(b)(1)(iii)	264.1084 (b)(1)(iii)	X			
requirements for tanks that do not meet 264.1084(b)(1)(i)-(iii)	154	264.1084(b)(2)	264.1084 (b)(2)	X			
owners/operators controlling air pollutant emissions from a tank using Tank Level 1 controls meet requirements in 264.1084(c)(1)-(c)(4)	154	264.1084(c)	264.1084 (c)	X			
owner/operator to determine maximum organic vapor pressure for hazardous waste in tank using Tank Level 1 controls before placing waste in tank; maximum organic vapor pressure to be determined using 264.1083(c); when determinations shall be performed	154	264.1084(c)(1)	264.1084 (c)(1)	X			
tank shall be equipped with fixed roof designed to meet the following:	154	264.1084(c)(2)	264.1084 (c)(2)	X			
fixed roof & its closure devices shall form barrier over surface of hazardous waste in the tank; what is a fixed roof	154	264.1084(c)(2)(i)	264.1084 (c)(2)(i)	X			
installed without visible cracks, holes, gaps, or open spaces between joints/edges	154	264.1084(c)(2)(ii)	264.1084 (c)(2)(ii)	X			
openings shall be equipped with a closure device or connected by a closed-vent system	154	264.1084(c)(2)(iii)	264.1084 (c)(2)(iii)	X			
	154	264.1084(c)(2)(iii)(A)	264.1084 (c)(2)(iii)(A)	X			
	154	264.1084(c)(2)(iii)(B)	264.1084 (c)(2)(iii)(B)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
fixed roof & its closure devices shall consist of materials to minimize exposure of hazardous waste to atmosphere, & maintain integrity throughout service life; factors for selecting materials	154	264.1084(c)(2)(iv)	264.1084 (c)(2)(iv)	X			
when hazardous waste is in the tank, fixed roof shall be installed with closure device secured in closed position except:	154	264.1084(c)(3)	264.1084 (c)(3)	X			
opening of closure devices or removal of fixed roof is allowed to provide access or to remove accumulated sludge	154	264.1084(c)(3)(i)	264.1084 (c)(3)(i)	X			
	154	264.1084(c)(3)(i)(A)	264.1084 (c)(3)(i)(A)	X			
	154	264.1084(c)(3)(i)(B)	264.1084 (c)(3)(i)(B)	X			
opening of pressure relief devices which vent to the atmosphere during normal operations to maintain internal pressure; designed to operate with no detectable emissions when closed; remain in closed position when internal pressure is within operating range determined by owner/operator; normal operating conditions	154	264.1084(c)(3)(ii)	264.1084 (c)(3)(ii)	X			
opening of safety device allowed to avoid an unsafe condition	154	264.1084(c)(3)(iii)	264.1084 (c)(3)(iii)	X			
owner/operator shall inspect & monitor air emission control equipment as follows:	154	264.1084(c)(4)	264.1084 (c)(4)	X			
fixed roof & closure devices to be visually inspected for defects; examples	154	264.1084(c)(4)(i)	264.1084 (c)(4)(i)	X			
initial inspection of fixed roof & closure devices on or before tank is subject to 264.1084; then at least once a year except under 264.1084(l)	154	264.1084(c)(4)(ii)	264.1084 (c)(4)(ii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROAD- IN SCOPE
in event of defect, shall be repaired in accordance with 264.1084(k)	154	264.1084(c)(4)(iii)	264.1084 (c)(4)(iii)	X			
owner/operator shall maintain inspection record in accordance with 264.1089(b)	154	264.1084(c)(4)(iv)	264.1084 (c)(4)(iv)	X			
owners/operators controlling air pollutant emissions from a tank using Tank Level 2 controls shall use one of the following:	154	264.1084(d)	264.1084 (d)	X			
fixed-roof tank equipped with internal floating roof in accordance with 264.1084(e);	154	264.1084(d)(1)	264.1084 (d)(1)	X			
tank equipped with external floating roof in accordance with 264.1084(f);	154	264.1084(d)(2)	264.1084 (d)(2)	X			
tank vented through a closed-vent system to control device in accordance with 264.1084(g);	154	264.1084(d)(3)	264.1084 (d)(3)	X			
pressure tank designed & operated in accordance with 264.1084(h); or	154	264.1084(d)(4)	264.1084 (d)(4)	X			
tank inside an enclosure vented through a closed-vent system to an enclosed combustion control device in accordance with 264.1084(i)	154	264.1084(d)(5)	264.1084 (d)(5)	X			
owner/operator who controls emissions from a tank using a fixed roof with internal floating roof shall meet 264.1084(e)(1)-(3) requirements	154	264.1084(e)	264.1084 (e)				
tank shall be equipped with fixed roof & internal floating roof in accordance with the following:	154	264.1084(e)(1)	264.1084 (e)(1)	X			
internal floating roof shall be designed to float on liquid surface except when supported by leg supports	154	264.1084(e)(1)(i)	264.1084 (e)(1)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
internal floating roof shall be equipped with continuous seal that meets specified conditions	154	264.1084(e)(1)(ii)	264.1084 (e)(1)(ii)	X			
	154	264.1084(e)(1)(ii)(A)	264.1084 (e)(1)(ii)(A)	X			
	154	264.1084(e)(1)(ii)(B)	264.1084 (e)(1)(ii)(B)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SP/
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALO			BROAD IN SCOPE
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	
	154	264.1084(e)(1)(iii)	264.1084 (e)(1)(iii)	X			
	154	264.1084(e)(1)(iii)(A)	264.1084 (e)(1)(iii)(A)	X			
	154	264.1084(e)(1)(iii)(B)	264.1084 (e)(1)(iii)(B)	X			
	154	264.1084(e)(1)(iii)(C)	264.1084 (e)(1)(iii)(C)	X			
	154	264.1084(e)(1)(iii)(D)	264.1084 (e)(1)(iii)(D)	X			
	154	264.1084(e)(1)(iii)(E)	264.1084 (e)(1)(iii)(E)	X			
internal floating roof shall meet listed specifications	154	264.1084(e)(1)(iii)(F)	264.1084 (e)(1)(iii)(F)	X			
owner/operator shall operate the tank in accordance with the following:	154	264.1084(e)(2)	264.1084 (e)(2)	X			
when floating roof is resting on leg supports, filling, emptying, or refilling shall be continuous & completed as soon as practical	154	264.1084(e)(2)(i)	264.1084 (e)(2)(i)	X			
automatic bleeder vents to be closed at all times when roof is floating, except when roof is being floated off or landed on leg supports	154	264.1084(e)(2)(ii)	264.1084 (e)(2)(ii)	X			
prior to filling tank, openings in internal floating roof shall be closed; rim space vents open only when internal floating roof is not floating or when pressure exceeds manufacturer's recommended setting	154	264.1084(e)(2)(iii)	264.1084 (e)(2)(iii)	X			
owner/operator shall inspect internal floating roof in accordance with the following:	154	264.1084(e)(3)	264.1084 (e)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
floating roof & its closure devices shall be visually inspected for defects which could result in air pollutant emissions; potential defects	154	264.1084(e)(3)(i)	264.1084(e)(3)(i)	X			
owner/operator shall inspect internal floating roof components with specified visual inspections except as provided in 264.1084(e)(3)(iii)	154	264.1084(e)(3)(ii)	264.1084(e)(3)(ii)	X			
	154	264.1084(e)(3)(ii)(A)	264.1084(e)(3)(ii)(A)	X			
	154	264.1084(e)(3)(ii)(B)	264.1084(e)(3)(ii)(B)	X			
as alternative to 264.1084(e)(3)(ii) inspections for internal floating roof equipped with two continuous seals, owner/operator may perform visual inspection each time tank is emptied & degassed & at least every 5 years	154	264.1084(e)(3)(iii)	264.1084(e)(3)(iii)	X			
before 264.1084(e)(3)(ii)-(iii) inspections, owner/operator shall notify Regional Administrator in advance to allow for observer during the inspection; & notify Regional Administrator of date & location of inspection	154	264.1084(e)(3)(iv)	264.1084(e)(3)(iv)	X			
	154	264.1084(e)(3)(iv)(A)	264.1084(e)(3)(iv)(A)	X			
	154	264.1084(e)(3)(iv)(B)	264.1084(e)(3)(iv)(B)	X			
in event of a defect, it shall be repaired in accordance with 264.1084(k)	154	264.1084(e)(3)(v)	264.1084(e)(3)(v)	X			
owner/operator shall maintain inspection record in accordance with 264.1089(b)	154	264.1084(e)(3)(vi)	264.1084(e)(3)(vi)	X			
owner/operator who controls emissions from tank using external floating roof shall meet requirements in 264.1084(f)(1)-(3)	154	264.1084(f)	264.1084(f)	X			
owner/operator shall design external floating roof in accordance with the following:	154	264.1084(f)(1)	264.1084(f)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:				
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE	
external floating roof designed to float on liquid surface except when supported by leg supports	154	264.1084(f)(1)(i)	264.1084 (F)(1)(i)	X				
floating roof equipped with two continuous seals; the lower seal referred to as primary seal & upper seal as secondary seal	154	264.1084(f)(1)(ii)	264.1084 (F)(1)(ii)	X				
	154	264.1084(f)(1)(ii)(A)	264.1084 (F)(1)(ii)(A)	X				
	154	264.1084(f)(1)(ii)(B)	264.1084 (F)(1)(ii)(B)	X				
	154	264.1084(f)(1)(iii)	264.1084 (F)(1)(iii)	X				
external floating roof shall meet certain specifications	154	264.1084(f)(1)(iii)(A)	264.1084 (F)(1)(iii)(A)	X				
	154	264.1084(f)(1)(iii)(B)	264.1084 (F)(1)(iii)(B)	X				
	154	264.1084(f)(1)(iii)(C)	264.1084 (F)(1)(iii)(C)	X				
	154	264.1084(f)(1)(iii)(D)	264.1084 (F)(1)(iii)(D)	X				
	154	264.1084(f)(1)(iii)(E)	264.1084 (F)(1)(iii)(E)	X				
	154	264.1084(f)(1)(iii)(F)	264.1084 (F)(1)(iii)(F)	X				
	154	264.1084(f)(1)(iii)(G)	264.1084 (F)(1)(iii)(G)	X				
	154	264.1084(f)(1)(iii)(H)	264.1084 (F)(1)(iii)(H)	X				
	154	264.1084(f)(1)(iii)(I)	264.1084 (F)(1)(iii)(I)	X				
	owner/operator shall operate tank in accordance with the following:	154	264.1084(f)(2)	264.1084 (F)(2)	X			
	when floating roof resting on leg supports, filling, emptying, or refilling shall be continuous & completed as soon as practical	154	264.1084(f)(2)(i)	264.1084 (F)(2)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
except for automatic bleeder vents, rim space vents, roof drains, & leg sleeves, roof openings shall be secured & closed at all times except when closure device must be open for access	154	264.1084(f)(2)(ii)	264.1084(f)(2)(ii)	X			
covers on each access hatch & gauge float well shall be bolted or fastened if in closed position	154	264.1084(f)(2)(iii)	264.1084(f)(2)(iii)	X			
automatic bleeder vents to be closed at all times when roof floating, except when roof is being floated off or landed on leg supports	154	264.1084(f)(2)(iv)	264.1084(f)(2)(iv)	X			
rim space vents shall be open only when roof is being floated off the leg supports or when pressure beneath rim seal exceeds manufacturer's recommended setting	154	264.1084(f)(2)(v)	264.1084(f)(2)(v)	X			
cap on end of unslotted guide poles shall be closed at all times except when measuring liquid level or collecting samples	154	264.1084(f)(2)(vi)	264.1084(f)(2)(vi)	X			
cover on each gauge hatch or sample well shall be closed at all times except when hatch or well must be accessed	154	264.1084(f)(2)(vii)	264.1084(f)(2)(vii)	X			
both primary & secondary seals shall completely cover annular space between external floating roof & tank wall in continuous fashion except during inspections	154	264.1084(f)(2)(viii)	264.1084(f)(2)(viii)	X			
owner/operator shall inspect external floating roof in accordance with the following:	154	264.1084(f)(3)	264.1084(f)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROAD-ER IN SCOPE
owner/operator shall measure external floating roof seal gaps in accordance with specified requirements	154	264.1084(f)(3)(i)	264.1084 (f)(3)(i)	X			
	154	264.1084(f)(3)(i)(A)	264.1084 (f)(3)(i)(A)	X			
	154	264.1084(f)(3)(i)(B)	264.1084 (f)(3)(i)(B)	X			
	154	264.1084(f)(3)(i)(C)	264.1084 (f)(3)(i)(C)	X			
	154	264.1084(f)(3)(i)(D)	264.1084 (f)(3)(i)(D)	X			
	154	264.1084(f)(3)(i)(D)(1)	264.1084 (f)(3)(i)(D)(1)	X			
	154	264.1084(f)(3)(i)(D)(2)	264.1084 (f)(3)(i)(D)(2)	X			
	154	264.1084(f)(3)(i)(D)(3)	264.1084 (f)(3)(i)(D)(3)	X			
	154	264.1084(f)(3)(i)(D)(4)	264.1084 (f)(3)(i)(D)(4)	X			
	154	264.1084(f)(3)(i)(E)	264.1084 (f)(3)(i)(E)	X			
	154	264.1084(f)(3)(i)(F)	264.1084 (f)(3)(i)(F)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall visually inspect external floating roof in accordance with specified requirements	154	264.1084(f)(3)(ii)	264.1084(f)(3)(ii)	X			
	154	264.1084(f)(3)(ii)(A)	264.1084(f)(3)(ii)(A)	X			
	154	264.1084(f)(3)(ii)(B)	264.1084(f)(3)(ii)(B)	X			
	154	264.1084(f)(3)(ii)(C)	264.1084(f)(3)(ii)(C)	X			
	154	264.1084(f)(3)(ii)(D)	264.1084(f)(3)(ii)(D)	X			
prior to 264.1084(f)(3)(i) or (ii) inspections, owner/operator shall notify Regional Administrator in advance to allow for observer present during inspection; & notify of date & location of inspection	154	264.1084(f)(3)(iii)	264.1084(f)(3)(iii)	X			
	154	264.1084(f)(3)(iii)(A)	264.1084(f)(3)(iii)(A)	X			
	154	264.1084(f)(3)(iii)(B)	264.1084(f)(3)(iii)(B)	X			
	154	264.1084(f)(3)(iii)(C)	264.1084(f)(3)(iii)(C)	X			
owner/operator who controls air pollutant emissions from a tank by venting to a control device shall meet requirements in 264.1084(g)(1)-(3)	154	264.1084(g)	264.1084(g)	X			
tank shall be covered by fixed roof and vented directly to a control device in accordance with the following:	154	264.1084(g)(1)	264.1084(g)(1)	X			
fixed roof & closure devices shall form continuous barrier over liquid in tank	154	264.1084(g)(1)(i)	264.1084(g)(1)(i)	X			
each opening in fixed roof not vented to control device shall be equipped with closure device; when pressure in vapor headspace < atmospheric pressure; when pressure in vapor headspace ≥ atmospheric pressure	154	264.1084(g)(1)(ii)	264.1084(g)(1)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
fixed roof & its closure devices shall be made of suitable materials that will minimize exposure to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	264.1084(g)(1)(iii)	264.1084(g)(1)(iii)	X			
the closed-vent system & control device shall be designed & operated in accordance with 264.1087	154	264.1084(g)(1)(iv)	264.1084(g)(1)(iv)	X			
whenever hazardous waste is in the tank, fixed roof shall be installed with closure device secured in closed position except:	154	264.1084(g)(2)	264.1084(g)(2)	X			
venting to control device is not required, & opening of closure device or removal of fixed roof is allowed in specified circumstances	154	264.1084(g)(2)(i)	264.1084(g)(2)(i)	X			
	154	264.1084(g)(2)(i)(A)	264.1084(g)(2)(i)(A)	X			
	154	264.1084(g)(2)(i)(B)	264.1084(g)(2)(i)(B)	X			
opening of a safety device, as defined in 264.1081, is allowed any time to avoid an unsafe condition	154	264.1084(g)(2)(ii)	264.1084(g)(2)(ii)	X			
owner/operator shall inspect & monitor air emission control equipment as follows:	154	264.1084(g)(3)	264.1084(g)(3)	X			
fixed roof & its closure devices shall be visually inspected for defects: examples	154	264.1084(g)(3)(i)	264.1084(g)(3)(i)	X			
closed-vent system & control device shall be inspected & monitored in accordance with 264.1087	154	264.1084(g)(3)(ii)	264.1084(g)(3)(ii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
perform initial inspection of air emission control equipment on or before tank becomes subject to 264.1084; then at least once a year except under special conditions of 264.1084(l)	154	264.1084(g)(3)(iii)	264.1084(g)(3)(iii)	X			
in event of defect, it shall be repaired in accordance with 264.1084(k)	154	264.1084(g)(3)(iv)	264.1084(g)(3)(iv)	X			
owner/operator shall maintain inspection record in accordance with 264.1089(b)	154	264.1084(g)(3)(v)	264.1084(g)(3)(v)	X			
owner/operator who controls air pollutant emissions by using a pressure tank shall meet the following:	154	264.1084(h)	264.1084(h)	X			
tank shall not be designed to vent to atmosphere as result of compression in vapor headspace during filling	154	264.1084(h)(1)	264.1084(h)(1)	X			
tank openings shall be equipped with closure devices that operate with no detectable organic emissions as in 264.1083(d)	154	264.1084(h)(2)	264.1084(h)(2)	X			
whenever hazardous waste is in the tank, it shall be operated as a closed system that does not vent to the atmosphere except if safety device requires opening to avoid an unsafe condition	154	264.1084(h)(3)	264.1084(h)(3)	X			
owner/operator who controls air pollutant emissions by using enclosure vented through a closed-vent system to enclosed combustion control device shall meet requirements in 264.1084(i)(1)-(4)	154	264.1084(i)	264.1084(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA- IN SCOPE
tank shall be inside enclosure; enclosure shall be designed & operated in accordance with 52.741, appendix B; allowance for openings; perform verification as specified in Section 5.0	154	264.1084(i)(1)	264.1084(i)	✓			
enclosure shall be vented through a closed-vent system to enclosed combustion control device designed & operated in accordance with certain standards specified in 264.1087	154	264.1084(i)(2)	264.1084(i)(2)	X			
safety devices, defined in 265.1081, may be installed & operated on any enclosure, closed-vent system, or control device used to comply with 264.1084(i)(1)-(2)	154	264.1084(i)(3)	264.1084(i)(3)	X			
owner/operator shall inspect & monitor the closed-vent system & control device as specified in 264.1087	154	264.1084(i)(4)	264.1084(i)(4)	X			
owner/operator shall transfer hazardous waste to tank subject to 264.1084 in accordance with the following:	154	264.1084(j)	264.1084(j)	X			
transfer of hazardous waste, except as in 264.1084(j)(2), to tank from another tank subject to 264.1084 or from surface impoundment subject to 264.1085 shall use continuous hard-piping or another closed system; individual drain system	154	264.1084(j)(1)	264.1084(j)(1)	X			
264.1084(j)(1) requirements do not apply if transferring hazardous waste to tank under following:	154	264.1084(i)(2)	264.1084(j)(2)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
hazardous waste meets average VO concentration conditions in 264.1082(c)(1) at point of waste origination	154	264.1084(j)(2)(i)	264.1084(j)(2)(i)	X			
hazardous waste treated by an organic destruction or removal process to meet 264.1082(c)(2) requirements	154	264.1084(j)(2)(ii)	264.1084(j)(2)(ii)	X			
owner/operator shall repair each defect detected during inspections performed under 264.1084(c)(4), (e)(3), (f)(3), or (g)(3) as follows:	154	264.1084(k)	264.1084(k)	X			
owner/operator shall make first efforts at repair no later than 5 days after detection & repair shall be completed no later than 45 days after detection except as in 264.1084(k)(2)	154	264.1084(k)(1)	264.1084(k)(1)	X			
repairs may be delayed beyond 45 days if repair requires emptying or temporary removal from service & no alternative tanks are available; owner/operator shall repair the defect as soon as tank stops operation; repair shall be completed before resuming operation	154	264.1084(k)(2)	264.1084(k)(2)	X			
after initial inspection & monitoring of cover pursuant to Subpart CC, inspection & monitoring may be at intervals longer than 1 year under the following conditions:	154	264.1084(l)	264.1084(l)(2)	X			
if inspecting or monitoring exposes a worker to dangerous, hazardous, or other unsafe conditions, the owner/operator may designate cover as unsafe & comply with the following:	154	264.1084(l)(1)	264.1084(l)(1)	X			
prepare written explanation	154	264.1084(l)(1)(i)	264.1084(l)(1)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADLY IN SCOPE
develop & implement written plan & schedule to inspect & monitor	154	264.1084(l)(1)(ii)	264.1084 (l)(1)(ii)	X			
if tank is buried partially or entirely, owner/operator must inspect & monitor only portions of cover that are located on or above ground	154	264.1084(l)(2)	264.1084 (l)(2)	X			

12 STANDARDS: SURFACE IMPOUNDMENTS

264.1085 provisions apply to control of air pollutant emissions from surface impoundments for which 264.1082(b) references this section	154	264.1085(a)	264.1085(a)	X			
owner/operator shall control air pollutant emissions from surface impoundment by installing & operating either:	154	264.1085(b)	264.1085(b)	X			
floating membrane cover in accordance with 264.1085(c); or	154	264.1085(b)(1)	264.1085 (b)(1)	X			
cover vented through a closed-vent system to a control device in accordance with 264.1085(d)	154	264.1085(b)(2)	264.1085 (b)(2)	λ			
owner/operator who controls emissions from a surface impoundment using a floating membrane cover shall meet requirements in 264.1085(c)(1)-(3)	154	264.1085(c)	264.1085 (c)	X			
surface impoundment shall be equipped with floating membrane cover designed to meet the following:	154	264.1085(c)(1)	264.1085 (c)(1)	λ			
designed to float on the liquid surface during normal operations & form a continuous barrier	154	264.1085(c)(1)(i)	264.1085 (c)(1)(i)	X			
	154	264.1085(c)(1)(ii)	264.1085 (c)(1)(ii)	X			

fabricated from synthetic membrane material with certain specifications

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	154	264.1085(c)(1)(ii)(A)	264.1085 (c)(1)(ii)(A)	X			
	154	264.1085(c)(1)(ii)(B)	264.1085 (c)(1)(ii)(B)	X			
installed without visible cracks, holes, gaps, or open spaces between cover edges or foundation mountings	154	264.1085(c)(1)(iii)	264.1085 (c)(1)(iii)	X			
except as in 264.1085(c)(1)(v), openings in floating membrane cover shall be equipped with a closure device that does not allow for open spaces in the closure device or between the opening & device	154	264.1085(c)(1)(iv)	264.1085 (c)(1)(iv)	X			
floating membrane cover may be equipped with emergency cover drains; drains shall be equipped with slotted membrane fabric cover or flexible fabric sleeve seal	154	264.1085(c)(1)(v)	265.1085 (c)(1)(v)	X			
closure devices shall consist of materials to minimize exposure of hazardous waste to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	264.1085(c)(1)(vi)	264.1085 (c)(1)(vi)	X			
whenever hazardous waste is in surface impoundment, floating membrane cover shall float on liquid & each closure device in closed position except:	154	264.1085(c)(2)	264.1085 (c)(2)	X			
opening of closure devices or removal of the cover allowed to provide access to surface impoundment or to remove accumulated sludge	154	264.1085(c)(2)(i)	264.1085 (c)(2)(i)	X			
	154	264.1085(c)(2)(i)(A)	264.1085 (c)(2)(i)(A)	X			
	154	264.1085(c)(2)(i)(B)	264.1085 (c)(2)(i)(B)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROA-IN SCOPE
opening of safety device allowed to avoid an unsafe condition	154	264.1085(c)(2)(ii)	264.1085 ⁻ (c)(2)(ii)	X			
owner/operator shall inspect floating membrane cover as follows:	154	264.1085(c)(3)	264.1085 ⁻ (c)(3)	X			
floating membrane cover & closure devices shall be visually inspected for defects; examples	154	264.1085(c)(3)(i)	264.1085 ⁻ (c)(3)(i)	X			
perform initial inspection of floating membrane cover & closure devices on or before surface impoundment is subject to 264.1085; then at least once a year except under 264.1085(g)	154	264.1085(c)(3)(ii)	264.1085 ⁻ (c)(3)(ii)	X			
in event of defect, it shall be repaired in accordance with 264.1085(f)	154	264.1085(c)(3)(iii)	264.1085 ⁻ (c)(3)(iii)	X			
owner/operator shall maintain inspection record in accordance with 264.1089(c)	154	264.1085(c)(3)(iv)	264.1085 ⁻ (c)(3)(iv)	X			
owner/operator who controls air pollutant emissions from a surface impoundment using a cover vented to control device shall meet 264.1085(d)(1)-(3) requirements	154	264.1085(d)	264.1085 ⁻ (d)	X			
surface impoundment covered & vented directly to control device in accordance with the following:	154	264.1085(d)(1)	264.1085 ⁻ (d)(1)	A			
cover & closure devices shall form a continuous barrier over liquid in the surface impoundment	154	264.1085(d)(1)(i)	264.1085 ⁻ (d)(1)(i)	X			
openings in the cover not vented to control device equipped with closure device; if pressure in vapor headspace < atmospheric pressure; if pressure in vapor headspace ≥ atmospheric pressure	154	264.1085(d)(1)(ii)	264.1085 ⁻ (d)(1)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
cover & closure devices shall be made of suitable materials to minimize exposure to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	264.1085(d)(1)(iii)	264.1085 (d)(1)(iii)	X			
closed-vent system & control device shall be designed & operated in accordance with 264.1087	154	264.1085(d)(1)(iv)	264.1085 (d)(1)(iv)	X			
when hazardous waste is in surface impoundment, cover shall be installed with closure device in closed position except:	154	264.1085(d)(2)	264.1085 (d)(2)	X			
venting to control device not required, & opening of closure device or removal of cover is allowed in specified circumstances	154	264.1085(d)(2)(i)	264.1085 (d)(2)(i)	X			
	154	264.1085(d)(2)(i)(A)	264.1085 (d)(2)(i)(A)	X			
	154	264.1085(d)(2)(i)(B)	264.1085 (d)(2)(i)(B)	X			
opening of safety device, as in 265.1081, allowed to avoid an unsafe condition	154	264.1085(d)(2)(ii)	264.1085 (d)(2)(ii)	X			
owner/operator shall inspect & monitor air emission control equipment as follows:	154	264.1085(d)(3)	264.1085 (d)(3)	X			
surface impoundment cover & closure devices shall be visually inspected for defects; examples	154	264.1085(d)(3)(i)	264.1085 (d)(3)(i)	X			
closed-vent system & control device shall be inspected & monitored in accordance with 264.1087	154	264.1085(d)(3)(ii)	264.1085 (d)(3)(ii)	X			
initial inspection of air emission control equipment on or before the surface impoundment is subject to 264.1085; then at least once a year except under 264.1085(g)	154	264.1085(d)(3)(iii)	264.1085 (d)(3)(iii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
in event of defect, it shall be repaired in accordance with 264.1085(f)	154	264.1085(d)(3)(iv)	264.1085 ⁻ (d)(3)(iv)	X			
owner/operator shall maintain inspection record in accordance with 264.1089(c)	154	264.1085(d)(3)(v)	264.1085 ⁻ (d)(3)(v)	X			
owner/operator shall transfer hazardous waste to surface impoundment subject to 264.1085 in accordance with:	154	264.1085(e)	264.1085 ⁻ (e)	X			
transfer of hazardous waste, except as in 264.1085(e)(2), to surface impoundment from another surface impoundment subject to 264.1085 or from a tank subject to 264.1084 shall use continuous hard-piping or another closed system; individual drain system	154	264.1085(e)(1)	264.1085 ⁻ (e)(1)	X			
264.1085(e)(1) requirements do not apply when transferring a hazardous waste to surface impoundment under the following:	154	264.1085(e)(2)	264.1085 ⁻ (e)(2)	X			
hazardous waste meets average VO concentration conditions in 264.1082(c)(1) at point of origination	154	264.1085(e)(2)(i)	264.1085 ⁻ (e)(2)(i)	X			
hazardous waste treated by organic destruction or removal process to meet 264.1082(c)(2) requirements	154	264.1085(e)(2)(ii)	264.1085 ⁻ (e)(2)(ii)	X			
owner/operator repair each defect detected during inspections performed in accordance with 264.1085(c)(3) or (d)(3) as follows:	154	264.1085(f)	264.1085 ⁻ (f)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
owner/operator shall make first efforts at repair no later than 5 days after detection & repair shall be completed no later than 45 days after detection except as in 264.1085(f)(2)	154	264.1085(f)(1)	264.1085- (f)(1)	X			
repairs may be delayed beyond 45 days if require emptying or temporary removal from service & no alternative capacity is available; if so, owner/operator shall repair defect as soon as process generating hazardous waste in surface impoundment stops operation; repair completed before resuming operation	154	264.1085(f)(2)	264.1085- (f)(2)	X			
following initial inspection & monitoring of cover as required by Subpart CC, inspection & monitoring at intervals longer than 1 year under following conditions:	154	264.1085(g)	264.1085- (g)	X			
written explanation stating why cover is unsafe, if required	154	264.1085(g)(1)	264.1085- (g)(1)	X			
develop & implement written plan & schedule to inspect & monitor cover	154	264.1085(g)(2)	264.1085- (g)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
12 STANDARDS: CONTAINERS							
264.1086 applies to control of air pollutant emissions from containers for which 264.1082(b) references this section	154	264.1086(a)	264.1086 (a)	X			
general requirements	154	264.1086(b)	264.1086 (b)	X			
owner/operator shall control air pollutant emissions from each container subject to 264.1086 in accordance with the following:	154	264.1086(b)(1)	264.1086 (b)(1)	X			
for containers having design capacities greater than 0.1 m ³ & less than or equal to 0.46 m ³ , owner/operator shall control air pollutant emissions in accordance with Container Level 1 standards in 264.1086(c)	154	264.1086(b)(1)(i)	264.1086 (b)(1)(i)	X			
for containers having design capacities greater than 0.46 m ³ not in light material service, owner/operator shall control air pollutant emissions in accordance with Container Level 1 standards in 264.1086(c)	154	264.1086(b)(1)(ii)	264.1086 (b)(1)(ii)	X			
for containers having design capacities greater than 0.46 m ³ in light material service, owner/operator shall control air pollutant emissions in accordance with Container Level 2 standards in 264.1086(d)	154	264.1086(b)(1)(iii)	264.1086 (b)(1)(iii)	X			
when containers with design capacities greater than 0.1 m ³ are used for treatment of hazardous waste by waste stabilization process, owner/operator shall control air pollutant emissions in accordance with Container Level 3 standards in 264.1086(e)	154	264.1086(b)(2)	264.1086 (b)(2)	X			
Container Level 1 standards	154	264.1086(c)	264.1086 (c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
using Container Level 1 controls is one of the following:	154	264.1086(c)(1)	264.1086 (c)(1)	X			
meets applicable U.S. DOT regulations on packaging for transportation as in 264.1086(f)	154	264.1086(c)(1)(i)	264.1086 (c)(1)(i)	X			
equipped with cover & closure devices that form a continuous barrier over openings such that there are no visible open spaces into the interior	154	264.1086(c)(1)(ii)	264.1086 (c)(1)(ii)	X			
open-top container in which organic-vapor suppressing barrier is used such that no hazardous waste is exposed; example	154	264.1086(c)(1)(iii)	264.1086 (c)(1)(iii)	X			
container used to meet requirements of 264.1086(c)(1)(ii) or (c)(1)(iii) shall be equipped with covers & closure devices composed of materials to minimize exposure of hazardous waste to atmosphere & to maintain equipment integrity; factors to consider in selecting materials	154	264.1086(c)(2)	264.1086 (c)(2)	X			
when using Container Level 1 controls, owner/ operator shall install covers & closure devices, & secure & maintain them in closed position except:	154	264.1086(c)(3)	264.1086 (c)(3)	X			
opening of closure device or cover is allowed to add hazardous waste or other material as specified	154	264.1086(c)(3)(i)	264.1086 (c)(3)(i)	X			
	154	264.1086(c)(3)(i)(A)	264.1086 (c)(3)(i)(A)	X			
	154	264.1086(c)(3)(i)(B)	264.1086 (c)(3)(i)(B)	X			
	154	264.1086(c)(3)(ii)	264.1086 (c)(3)(ii)	X			
opening of closure device, or cover is allowed to remove hazardous waste as specified	154	264.1086(c)(3)(ii)(A)	264.1086 (c)(3)(ii)(A)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BRO. IN SC.
	154	264.1086(c)(3)(ii)(B)	264.1086(c)(3)(i)(B)	X			
opening of closure device or cover is allowed when access needed to perform routine activities other than transfer hazardous waste; examples; after activity, owner/operator shall promptly secure closure device or reinstall cover	154	264.1086(c)(3)(iii)	264.1086(c)(3)(ii)	X			
opening of pressure relief devices allowed during normal operations to maintain internal pressure in accordance with container design; device shall operate with no detectable organic emissions when closed; settings at which device opens shall allow device to remain in closed position when internal pressure is within operating range; examples	154	264.1086(c)(3)(iv)	264.1086(c)(3)(iv)	X			
opening of safety device, as defined in 265.1081, is allowed any time conditions require it to avoid an unsafe condition	154	264.1086(c)(3)(v)	264.1086(c)(3)(v)	X			
inspect containers & their covers & closure devices as follows:	154	264.1086(c)(4)	264.1086(c)(4)	X			
if hazardous waste is present in container when owner/operator first accepts possession & container is not emptied within 24 hours, it shall be visually inspected; if a defect is detected, owner/operator repair in accordance with 264.1086(c)(4)(iii)	154	264.1086(c)(4)(i)	264.1086(c)(4)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if container remains at the facility for 1 year or more, owner/operator shall inspect it & cover & closure devices initially & then, at least every 12 months; if defect is detected, owner/operator repair in accordance with 264.1086(c)(4)(iii)	154	264.1086(c)(4)(ii)	264.1086(c)(4)(ii)	X			
when a defect is detected, owner/operator shall make repair no later than 24 hours after detection & complete it no later than 5 days after detection; if repair cannot be completed within 5 days, hazardous waste shall be removed & container not used until repaired	154	264.1086(c)(4)(iii)	264.1086(c)(4)(iii)	X			
owner/operator shall maintain copy of procedure to determine that containers with 0.46 m ³ or greater capacity, are not managing hazardous waste in light material service	154	264.1086(c)(5)	264.1086(c)(5)	X			
Container Level 2 standards	154	264.1086(d)	264.1086(d)	X			
container using Container Level 2 controls is one of the following:	154	264.1086(d)(1)	264.1086(d)(1)	X			
meets the applicable U.S. DOT regulations on packaging for transportation as in 264.1086(f)	154	264.1086(d)(1)(i)	264.1086(d)(1)(i)	X			
container that operates with no detectable organic emissions as determined in accordance 264.1086(g)	154	264.1086(d)(1)(ii)	264.1086(d)(1)(ii)	X			
container that has been demonstrated to be vapor-tight by using part 60, appendix A, Method 27 in accordance with 264.1086(h)	154	264.1086(d)(1)(iii)	264.1086(d)(1)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
transfer of hazardous waste shall minimize exposure to the atmosphere, to extent practical; examples that meet 264.1086(d)(2) requirements	154	264.1086(d)(2)	264.1086 (d)(2)	X			
owner/operator shall install all covers & closure devices, & secure & maintain in closed position except:	154	264.1086(d)(3)	264.1086 (d)(3)	X			
opening of closure device or cover is allowed to add hazardous waste or other material as follows	154	264.1086(d)(3)(i)	264.1086 (d)(3)(i)	X			
	154	264.1086(d)(3)(i)(A)	264.1086 (d)(3)(i)(A)	X			
	154	264.1086(d)(3)(i)(B)	264.1086 (d)(3)(i)(B)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
opening of a closure device or cover is allowed to remove hazardous waste as follows	154	264.1086(d)(3)(ii)	264.1086(d)(3)(ii)	X			
	154	264.1086(d)(3)(ii)(A)	264.1086(d)(3)(ii)(A)	X			
	154	264.1086(d)(3)(ii)(B)	264.1086(d)(3)(ii)(B)	X			
opening of closure device or cover is allowed when access is needed to perform routine activities other than transfer; examples; after activity, promptly secure closure device or reinstall cover	154	264.1086(d)(3)(iii)	264.1086(d)(3)(iii)	X			
opening of pressure relief devices which vent to atmosphere is allowed during normal operations to maintain internal pressure in accordance with container design; device shall operate with no detectable organic emissions when in closed position; settings at which device opens shall allow device to remain in closed position when internal pressure is within operating range; examples	154	264.1086(d)(3)(iv)	264.1086(d)(3)(iv)	X			
opening of safety device, as defined in 265.1081, is allowed any time conditions require it to avoid an unsafe condition	154	264.1086(d)(3)(v)	264.1086(d)(3)(v)	X			
owner/operator shall inspect containers & their covers & closure devices as follows:	154	264.1086(d)(4)	264.1086(d)(4)	X			
if hazardous waste is present in container when owner/operator first accepts possession & container is not emptied within 24 hours, it shall be visually inspected; if defect is detected, owner/operator shall repair in accordance with 264.1086(d)(4)(iii)	154	264.1086(d)(4)(i)	264.1086(d)(4)(i)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA IN SCO.
if container remains at the facility for 1 year or more, owner/operator shall inspect it & cover & closure devices initially & then at least every 12 months to check for open spaces into its interior; if defect is detected, owner/ operator shall repair in accordance with 264.1086(d)(4)(iii)	154	264.1086(d)(4)(ii)	264.1086(d)(4)(ii)	X			
when defect is detected, owner/ operator shall make efforts at repair no later than 24 hours after detections & complete it as soon as possible but no later than 5 days after detection; if repair cannot be completed within 5 days, hazardous waste shall be removed & container shall not be used until repaired	154	264.1086(d)(4)(iii)	264.1086(d)(4)(iii)	X			
Container Level 3 standards	154	264.1086(e)	264.1086(e)	X			
container using Container Level 3 controls is one of the following:	154	264.1086(e)(1)	264.1086(e)(1)	X			
container that is vented through a closed-vent system to control device in accordance with 264.1086(e)(2)(ii)	154	264.1086(e)(1)(i)	264.1086(e)(1)(i)	X			
container that is vented inside an enclosure which is exhausted through closed-vent system to control device in accordance with 264.1086(e)(2)(i)-(ii)	154	264.1086(e)(1)(ii)	264.1086(e)(1)(ii)	X			
owner/operator shall meet the following, as applicable	154	264.1086(e)(2)	264.1086(e)(2)	X			
container enclosure shall be designed & operated in accordance with 52.741, appendix B; permanent or temporary openings; verification procedure as in Section 5.0	154	264.1086(e)(2)(i)	264.1086(e)(2)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
closed-vent system & control device shall be designed & operated in accordance with 264.1087	154	264.1086(e)(2)(ii)	264.1086 (e)(2)(ii)	X			
safety devices, in 265.1081, may be installed & operated on any container, enclosure, closed-vent system, or control device used to comply with 264.1086(e)(1)	154	264.1086(e)(3)	264.1086 (e)(3)	X			
owner/operator shall inspect & monitor the closed-vent system & control devices as specified in 264.1087	154	264.1086(e)(4)	264.1086 (e)(4)	X			
owners/operators shall prepare & maintain records specified in 264.1089(d)	154	264.1086(e)(5)	264.1086 (e)(5)	X			
for purpose of 264.1086(c)(1)(i) or (d)(1)(i) compliance, containers shall meet applicable U.S. DOT regulations on packaging for transportation as follows:	154	264.1086(f)	264.1086 (f)	X			
meets applicable requirements in 49 CFR part 178 or 49 CFR part 179	154	264.1086(f)(1)	264.1086 (f)(1)	X			
hazardous waste managed in container in accordance with 49 CFR part 107, subpart B; 49 CFR part 172; 49 CFR part 173; & 49 CFR part 180	154	264.1086(f)(2)	264.1086 (f)(2)	X			
no exceptions to the 49 CFR part 178 or 179 regulations are allowed except as in 264.1086(f)(4)	154	264.1086(f)(3)	264.1086 (f)(3)	X			
for lab pack managed in accordance with 49 CFR part 178, owner/operator may comply with the exceptions for combination packaging in 49 CFR 173.12(b)	154	264.1086(f)(4)	264.1086 (f)(4)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall use 264.1083(d) procedure for determining if container operates with no detectable organic emissions as in 264.1086(d)(1)(ii)	154	264.1086(g)	264.1086 (g)	X			
each potential leak interface on container, cover, & closure devices shall be checked; examples	154	264.1086(g)(1)	264.1086 (g)(1)	X			
test performed when container is filled with material expected to be managed in this container; during test, container cover & closure devices shall be closed	154	264.1086(g)(2)	264.1086 (g)(2)	X			
procedure for determining a container to be vapor-tight using Method 27 of part 60, appendix A to comply with 264.1086(d)(1)(iii)	154	264.1086(h)	264.1086 (h)	X			
test performed in accordance with Method 27 of part 60, appendix A	154	264.1086(h)(1)	264.1086 (h)(1)	X			
pressure measurement device shall be used with a precision of ±2.5mm water & capable of measuring above that used for vapor pressure tightness	154	264.1086(h)(2)	264.1086 (h)(2)	X			
if test results indicate container sustains a pressure change less than or equal to 750 Pascals, then it's vapor-tight	154	264.1086(h)(3)	264.1086 (h)(3)	X			

STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES

264.1087 applies to closed-vent system & control device installed & operated to control air emissions	154.1	264.1087(a)	264.1087 (a)	X			
closed-vent system shall meet the following requirements:	154.1	264.1087(b)	264.1087 (b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
route gases, vapors, & fumes to a control device that meets the requirements specified in 264.1087(c)	154.1	264.1087(b)(1)	264.1087 (b)(1)	X			
designed & operated in accordance with 264.1033(k)	154.1	264.1087(b)(2)	264.1087 (b)(2)	X			
13 if system includes bypass devices, each device shall be equipped with either flow indicator or seal or locking device; other fittings used for safety purposes are not bypass devices	154	264.1087(b)(3)	264.1087 (b)(3)	X			
if flow indicator is used to comply with 264.1087(b)(3), it shall be installed at inlet to bypass line; flow indicator is a device which indicates gas or vapor flow	154	264.1087(b)(3) (i)	264.1087 (b)(3)(i)	X			
if a seal or locking device is used to comply with 264.1087(b)(3), it shall be placed such that bypass device cannot be opened without breaking the seal or removing the lock; examples; inspect seal or closure mechanism at least once a month	154	264.1087(b)(3) (ii)	264.1087 (b)(3)(ii)	X			
closed-vent system shall be inspected & monitored by owner/operator in accordance with 264.1033(l)	154	264.1087(b)(4)	264.1087 (b)(4)	X			
control device shall meet the following requirements:	154.1	264.1087(c)	264.1087 (c)	X			
control device shall be one of the following devices:	154.1	264.1087(c)(1)	264.1087 (c)(1)	X			
control device designed & operated to reduce total organic content of inlet vapor stream by at least 95%	154.1	264.1087(c)(1) (i)	264.1087 (c)(1)(i)	X			
enclosed combustion device designed & operated in accordance with 264.1033(c)	154.1	264.1087(c)(1) (ii)	264.1087 (c)(1)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA IN SC
flare designed & operated in accordance with 264.1033(d)	154.1	264.1087(c)(1)(iii)	264.1087 (c)(1)(iii)	X			
13 owner/operator who uses closed-vent system & control device to comply with 264.1087 shall comply with 264.1087(c)(2)(i)-(c)(2)(vi)	154	264.1087(c)(2)	264.1087 (c)(2)	X			
periods of planned routine maintenance of control device during which 264.1087 (c)(1)(i)-(iii) are not met, shall not exceed 240 hours/year	154	264.1087(c)(2)(i)	264.1087 (c)(2)(i)	X			
requirements in 264.1087(c)(1)(i)-(iii) do not apply during planned routine maintenance	154	264.1087(c)(2)(ii)	264.1087 (c)(2)(ii)	X			
requirements in 264.1087(c)(1)(i)-(iii) do not apply during control device system malfunction	154	264.1087(c)(2)(iii)	264.1087 (c)(2)(iii)	X			
owner/operator shall demonstrate compliance with 264.1087(c)(2)(i) by recording information in 264.1089(e)(1)(v)	154	264.1087(c)(2)(iv)	264.1087 (c)(2)(iv)	X			
owner/operator shall correct control device system malfunctions as soon as practicable to minimize excess air pollutant emissions	154	264.1087(c)(2)(v)	264.1087 (c)(2)(v)	X			
owner/operator shall operate closed-vent system such that gases, vapors, or fumes are not vented to control device during maintenance or malfunction except when necessary	154	264.1087(c)(2)(vi)	264.1087 (c)(2)(vi)	X			
owner/operator using a carbon adsorption system shall operate & maintain control device in accordance with the following requirements:	154.1	264.1087(c)(3)	264.1087 (c)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
following initial startup, all activated carbon shall be replaced with fresh carbon regularly in accordance with 264.1033(g) or (h)	154.1	264.1087(c)(3)(i)	264.1087 (c)(3)(i)	X			
14 all carbon removed from control device shall be managed in accordance with 264.1033(n)	154.1 154.5 154	264.1087(c)(3)(ii)	264.1087 (c)(3)(ii)	X			
owner/operator using a control device other than a thermal vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system shall operate & maintain in accordance with 264.1033(j)	154.1	264.1087(c)(4)	264.1087 (c)(4)	X			
demonstrate that control device achieves performance requirements of 264.1087(c)(1) as follows:	154.1	264.1087(c)(5)	264.1087 (c)(5)	X			
demonstrate, using a performance test as in 264.1087(c)(5)(iii) or design analysis as in 264.1087 (c)(5)(iv) for each control device except for the following:	154.1	264.1087(c)(5)(i)	264.1087 (c)(5)(i)	X			
a flare	154.1	264.1087(c)(5)(i)(A)	264.1087 (c)(5)(i)(A)	X			
boiler or process heater with design input capacity of 44 megawatts or greater	154.1	264.1087(c)(5)(i)(B)	264.1087 (c)(5)(i)(B)	X			
boiler or process heater into which the vent stream is introduced with primary fuel	154.1	264.1087(c)(5)(i)(C)	264.1087 (c)(5)(i)(C)	X			
boiler or industrial furnace burning hazardous waste for which owner/operator has been issued a final permit & has designed & operates unit in accordance with 266. Subpart H	154.1 154	264.1087(c)(5)(i)(D)	264.1087 (c)(5)(i)(D)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROAL IN SCOPE
boiler or industrial furnace burning hazardous waste for which owner/operator has designed & operates in accordance with requirements of 266, Subpart H	154.1 154	264.1087(c)(5) (i)(E)	264.1087 (c)(5)(i)(E)	X			
owner/operator shall demonstrate the performance of each flare in accordance with 264.1033(e)	154.1	264.1087(c)(5) (ii)	264.1087 (c)(5)(ii)	X			
for a performance test, owner/operator shall use test methods & procedures in 264.1034 (c)(1)-(4)	154.1	264.1087(c)(5) (iii)	264.1087 (c)(5)(iii)	X			
design analysis shall meet requirements specified in 264.1035(b)(4)(iii)	154.1	264.1087(c)(5) (iv)	264.1087 (c)(5)(iv)	X			
owner/operator shall demonstrate that carbon adsorption system achieves the 264.1087(c)(1) performance requirements	154.1	264.1087(c)(5) (v)	264.1087 (c)(5)(v)	X			
if owner/operator & Regional Administrator do not agree on a demonstration of control device performance using a design analysis, then disagreement shall be resolved using a performance test in accordance with 264.1087(c)(5)(iii); Regional Administrator may choose authorized representative to observe	154.1	264.1087(c)(6)	264.1087 (c)(6)	X			
control device shall be inspected & monitored by owner/operator in accordance with 264.1033(f)(2) & 264.1033(l); readings from each monitoring device inspected at least once each day; any necessary corrective measures immediately implemented	154	264.1087(c)(7)	264.1087 (c)(7)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

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

12 INSPECTION AND MONITORING REQUIREMENTS

owner/operator shall inspect & monitor air emission control equipment in accordance with 264.1084-1087	154	264.1088(a)	264.1088 (a)	X			
owner/operator shall develop & implement written plan & schedule to perform inspections & monitoring required by 264.1088(a); shall incorporate plan into facility inspection plan under 264.15	154	264.1088(b)	264.1088 (b)	X			

RECORDKEEPING REQUIREMENTS

15 owner/operators subject to 264, Subpart CC shall record & maintain information specified in 264.1089(b)-(i); with exception, records shall be maintained for at least 3 years; documentation maintained until air emission control equipment is replaced; information required by 264.1089 (i) shall be maintained as long as tank or container is not using air emission controls in 264.1084-264.1087	154	264.1089(a)	264.1089 (a)	X			
15 owner/operator of tank using air emission controls in accordance with 264.1084 shall prepare & maintain records that include:	154	264.1089(b)	264.1089 (b)	X			
for tank using air emission controls in accordance with 264.1084, owner/ operator shall record:	154	264.1089(b)(1)	264.1089 (b)(1)	X			
tank identification number	154	264.1089(b)(1) (i)	264.1089 (b)(1)(i)	X			
	154	264.1089(b)(1) (ii)	264.1089 (b)(1)(ii)	X			
record for each inspection required by 264.1084 that includes inspection date & other information for defects detected	154	264.1089(b)(1) (ii)(A)	264.1089 (b)(1)(ii)(A)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
	154	264.1089(b)(1)(ii)(B)	264.1089 (b)(1)	X			
owner/operator shall record following information, as applicable to the tank:	154	264.1089(b)(2)	264.1089 (b)(2)	A			
owner/operator using a fixed roof shall prepare & maintain records for each maximum organic vapor pressure determination in accordance with 264.1084(c); date & time of sample collection, analysis method, & results	154	264.1089(b)(2)(i)	264.1089 (b)(2)(i)	X			
owner/operator using internal floating roof shall prepare & maintain documentation describing design	154	264.1089(b)(2)(ii)	264.1089 (b)(2)(ii)	X			
owners/operators using external floating roof shall prepare & maintain documentation & records for specified items	154	264.1089(b)(2)(iii)	264.1089 (b)(2)(iii)	X			
	154	264.1089(b)(2)(iii)(A)	264.1089 (b)(2)(iii)(A)	X			
	154	264.1089(b)(2)(iii)(B)	264.1089 (b)(2)(iii)(B)	X			
each owner/operator using an enclosure shall prepare & maintain specified records	154	264.1089(b)(2)(iv)	264.1089 (b)(2)(iv)	X			
	154	264.1089(b)(2)(iv)(A)	264.1089 (b)(2)(iv)(A)	X			
	154	264.1089(b)(2)(iv)(B)	264.1089 (b)(2)(iv)(B)	X			
15 owner/operator of a surface impoundment using air emission controls in accordance with 264.1085 shall prepare & maintain records that include:	154	264.1089(c)	264.1089 (c)	X			
surface impoundment identification number	154	264.1089(c)(1)	264.1089 (c)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
documentation describing floating membrane cover that includes description of cover design, & certification that it meets specifications in 264.1085(c)	154	264.1089(c)(2)	264.1089 (c)(2)	X			
record for each inspection required by 264.1085 that includes:	154	264.1089(c)(3)	264.1089 (c)(3)	X			
date inspection was conducted	154	264.1089(c)(3)(i)	264.1089 (c)(3)(i)	X			
for each defect detected during inspection: location, description, date & corrective action; if repair delayed, owner/ operator shall record reason & date of expected repair	154	264.1089(c)(3)(ii)	264.1089 (c)(3)(ii)	X			
for a surface impoundment equipped with cover & vented through a closed-vent system to a control device, owner/operator shall prepare & maintain records specified in 264.1089(e)	154	264.1089(c)(4)	264.1089 (c)(4)	X			
15 owner/operator of containers using Container Level 3 air emission controls in accordance with 264.1086 shall prepare & maintain records that include:	154	264.1089(d)	264.1089 (d)	X			
records for most recent calculations & measurements to verify enclosure meets criteria of a permanent total enclosure as in "Procedure T" 40 CFR 52.741, appendix B	154	264.1089(d)(1)	264.1089 (d)(1)	X			
records required for closed-vent system & control device in accordance with 264.1089(e)	154	264.1089(d)(2)	264.1089 (d)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA- IN SCOPE
15 owner/operator using closed-vent system & control device in accordance with 264.1087 shall prepare & maintain records that include:	154	264.1089(e)	264.1089 (e)	X			
documentation that includes:	154	264.1089(e)(1)	264.1089 (e)(1)	X			
certification signed & dated by owner/ operator stating the control device is designed to operate at performance level when operating at capacity	154	264.1089(e)(1) (i)	264.1089 (e)(1)(i)	X			
specified design documentation if design analysis used; include a description of the control device design in accordance with 264.1035(b)(4)(iii) & certification by owner/operator that control equipment meets applicable specifications	154	264.1089(e)(1) (ii)	264.1089 (e)(1)(ii)	X			
performance test plan & all test results, if performance tests are used	154	264.1089(e)(1) (iii)	264.1089 (e)(1)(iii)	X			
information as required by 264.1035 (c)(1)-(2)	154	264.1089(e)(1) (iv)	264.1089 (e)(1)(iv)	X			
owner/operator shall record on semiannual basis, information specified in 264.1089(e)(1)(v) (A)-(B) for planned routine maintenance operations requiring control devices to meet 264.1087(c)(1)(i)-(iii) requirements	154	264.1089(e)(1) (v)	264.1089 (e)(1)(v)	X			
	154	264.1089(e)(1) (v)(A)	264.1089 (e)(1)(v)(A)	X			
	154	264.1089(e)(1) (v)(B)	264.1089 (e)(1)(v)(B)	X			
	154	264.1089(e)(1) (vi)	264.1089 (e)(1)(vi)	X			
owner/operator shall record the information specified in 264.1089(e)(1)(vi)(A)-(C) for unexpected control device system malfunctions	154	264.1089(e)(1) (vi)(A)	264.1089 (e)(1)(vi)(A)	X			
	154	264.1089(e)(1) (vi)(B)	264.1089 (e)(1)(vi)(B)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
	154	264.1089(e)(1)(vi)(C)	264.1089 (e)(i)(vi)(C)	X			
management records of carbon removed from a carbon adsorption system conducted in accordance with 264.1087(c)(3)(ii)	154	264.1089(e)(1)(vii)	264.1089 (e)(i)(vii)	X			
15 owner/operator of a tank, surface impoundment, or container exempted from standards in accordance with 264.1082(c) shall prepare & maintain following records:	154	264.1089(f)	264.1089 (f)	X			
if exempted under 264.1082(c)(1)-(2), owner/operator shall record information used for each waste determination in operating log; if waste sample results used for the determination, date, time, & location shall be recorded in accordance with 264.1083	154	264.1089(f)(1)	264.1089 (f)(1)	X			
if exempted under 264.1082(c)(2)(vii) or (viii), owner/operator shall record ID number for the incinerator, boiler, or industrial furnace in which hazardous waste is treated	154	264.1089(f)(2)	264.1089 (f)(2)	X			
15 owner/operator designating a cover as "unsafe to inspect and monitor" shall record in the facility log: ID numbers, explanations, & inspection plans & schedules	154	264.1089(g)	264.1089 (g)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
15 owners/operators subject to 264, Subpart CC & to control device standards in 40 CFR Part 60, Subpart VV, or 40 CFR Part 61, Subpart V, may demonstrate compliance by documentation pursuant to those subparts to extent it duplicates that required by 264.1089	154	264.1089(h)	264.1089 (h)	X			
16 for tank or container not using air emission controls specified in 264.1084-264.1087 in accordance with 264.1080(d), owner/operator shall record & maintain the following:	154.3 154	264.1089(i)	264.1089 (i)	X			
16 list of individual organic peroxide compounds manufactured at the facility that meet 264.1080(d)(1) conditions	154.3 154	264.1089(i)(1)	264.1089 (i)(1)	X			
16 description of how hazardous waste containing organic peroxide compounds identified in 264.1089(i)(1) are managed in tanks & containers; the description shall include:	154.3 154	264.1089(i)(2)	264.1089 (i)(2)	X			
for tanks, sufficient information provided to describe: facility tank ID number, purpose & placement of the tank in the management train of this hazardous waste, & procedures used to ultimately dispose of hazardous waste	154.3 154	264.1089(i)(2) (i)	264.1089 (i)(2)(i)	X			
for containers, sufficient information provided to describe: facility ID number for each container or group of containers; purpose & placement in the management train of this hazardous waste, & procedures used to ultimately dispose of hazardous waste	154.3 154	264.1089(i)(2) (ii)	264.1089 (i)(2)(ii)	X			

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
16 why managing the hazardous waste containing organic peroxide compounds identified in 264.1089(i)(1) would create an undue safety hazard if specified air emission controls are installed & operated; include the following information:	154.3 154	264.1089(i)(3)	264.1089 (1)(3)	X			
for tanks, sufficient information to explain: how required air emission controls would affect design & facility operating procedures currently used, & why installation of safety devices under Part 264, Subpart CC will not address situations when evacuation is necessary	154.3 154	264.1089(i)(3) (i)	264.1089 (1)(3)(i)	X			
for containers, sufficient information to explain: how required air emission controls would affect design & handling procedures currently used, & why installation of safety devices under Part 264, Subpart CC will not address situations in which evacuation is necessary	154.3 154	264.1089(i)(3) (ii)	264.1089 (1)(3)(ii)	X			
REPORTING REQUIREMENTS							
owner/operator managing hazardous waste in a tank, surface impoundment, or container exempted in accordance with 264.1082(c) shall report each occurrence when there is noncompliance with 264.1082(c) (1) or (2); written report submitted within 15 days; shall contain specified information	154.1 154.5 154	264.1090(a)	264.1090 (a)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADL. IN SCOPE
owner/operator using tank air emission controls in accordance with 264.1084(c) shall report each occurrence when there is noncompliance with 264.1084(b); written report be submitted within 15 days; shall contain specified information	154.1 154	264.1090(b)	264.1090 (b)	X			
17 owner/operator using control device in accordance with 264.1087 shall submit a semiannual written report except as in 264.1090(d); shall describe each occurrence past 6 mos. when either:	154.1 154.5	264.1090(c)	264.1090 (c)	X			
control device is operated continuously for 24 hours or longer in noncompliance with operating values defined in §264.1035 (c)(4); or	154.1 154.5	264.1090(c)(1)	264.1090 (c)(1)	X			
flare is operated with visible emissions for 5 minutes or longer in two-hour period, as in §264.1033(d)	154.1 154.5	264.1090(c)(2)	264.1090 (c)(2)	X			
report include EPA ID#, facility name & address, explanation, & actions taken; signed & dated	154.1 154.5	264.1090(c)/ undesignated text after (c)(2)	264.1090 (c)	X			
17 report to Regional Administrator is not required for 6-month period during which all control devices are operated such that:	154.1 154.5	264.1090(d)	264.1090 (d)	X			
during no period of 24 hours or longer did a control device operate continuously in noncompliance with 264.1035(c) (4); &	154.1 154.5	264.1090(d)(1)	264.1090 (d)(1)	X			
no flare was operated with visible emissions for 5 minutes or longer in a two-hour period, as in 264.1033 (d)	154.1 154.5	264.1090(d)(2)	264.1090 (d)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
ALTERNATIVE CONTROL REQUIREMENTS FOR TANKS							
18 reserve	154.1 154	264.1091	264.1091	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE

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

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

replace "The standards of this part" in the first sentence of this paragraph with "Except as provided in § 265.1080(b), the standards of this part"	154.1	265.1(b)	265.1(b)	X			
---	-------	----------	----------	---	--	--	--

SUBPART B - GENERAL FACILITY STANDARDS

GENERAL WASTE ANALYSIS

add "265.1084," after "265.1063(d),"	154.1	265.13(b)(6)	265.13(b)(6)	X			
owners/operators who are seeking exemption to Subpart CC air emission standards in accordance with 265.1083	154.1	265.13(b)(8)	265.13(b)(8)	X			
if direct measurement used for determination, procedures & schedules for waste sampling & analysis, & results of analysis to verify exemption	154.1 154.5	265.13(b)(8)(i)	265.13(b)(8)(i)	X			
if knowledge of waste is used for determination, any information that is used as basis for knowledge	154.1 154.5	265.13(b)(8)(ii)	265.13(b)(8)(ii)	X			

GENERAL INSPECTION REQUIREMENTS

remove "and" preceding "265.1058"; add "265.1089, and 265.1091(b)" after "265.1058"	154.1	265.15(b)(4)	265.15(b)(4)	X			
---	-------	--------------	--------------	---	--	--	--

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

OPERATING RECORD

insert ", waste determinations," after "waste analysis,"; add "265.1084," after "265.1063."	154.1	265.73(b)(3)	265.73(b)(3)	X			
---	-------	--------------	--------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
delete "," after "testing"; replace ", and corrective action where required by subpart F and" with "when required by"; replace "265.302-265.304" with "265.302 through 265.304"; replace "265.1034(c)-265.1034(f)" with "265.1034(c) through 265.1034(f)"; replace "265.1063(d)-265.1063(i)" with "265.1063(d) through 265.1063(i)"; remove "and" after "264.1063(i)"; add "265.1089, 265.1090, and 265.1091" after "265.1064";	154.1	265.73(b)(6)					
ADDITIONAL REPORTS							
remove "and" after "AA"; insert ", and CC of this part" after "BB"	154.1	265.77(d)					
SUBPART I - USE AND MANAGEMENT OF CONTAINERS							
AIR EMISSION STANDARDS							
owners/operators subject to applicable requirements of 265, Subparts AA, BB, & CC if they place hazardous waste in a container	154.1 154	265.178					
SUBPART J - TANK SYSTEMS							
AIR EMISSION STANDARDS							
owners/operators subject to applicable requirements of 265, Subparts AA, BB, & CC if they place hazardous waste in a tank	154.1 154	265.202					

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE

SUBPART K - SURFACE IMPOUNDMENTS

AIR EMISSION STANDARDS

owners/operators subject to applicable requirements of 265, Subparts BB & CC if they place hazardous waste in surface impoundment	154.1 154	265.231	265, 231	X			
---	--------------	---------	----------	---	--	--	--

SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS

APPLICABILITY

replace "265.1034(d) and (e)" with "265.1034, paragraphs (d) and (e)"; insert "one of the following" after "conducted in"	154	265.1030(b)	265, 1030(b)	X			
replace "Units that are" with "A unit that is"; insert "40 CFR" before "part 270"	154	265.1030(b)(1)	265, 1030 (b)(1)	X			
completely revise: unit not exempt from permitting under 262.34(a) & located at hazardous waste management facility subject to Part 270, or	154	265.1030(b)(2)	265, 1030 (b)(2)	X			
unit exempt from permitting under 262.34(a)	154	265.1030(b)(3)	265, 1030 (b)(3)	X			
delete "262.34" from note at end of section	154	265.1030/ note at end	265, 1030 note	X			

STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES

in second sentence replace "18 months" with "30 months"	154.5	265.1033(a)(2)	265, 1030 (a)(2)	X			
19 replace "at two locations and have" with "with"; replace first "°C" with "degrees Celsius (°C)"; replace "One temperature" with "The temperature"; replace ", and a second temperature sensor shall be installed at a location in the coolant fluid exiting the condenser" with "exit (i.e.; product side)"	154	265.1033(f)(2)(vi)(B)	265, 1033 (f)(2)(vi)(B)	X			

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
add new paragraph: design requirements of closed-vent system are either:	154	265.1033(j)	265.1033(j)	X			
completely revise: to operate with no detectable emissions as determined by 265.1034(b), & by visual inspections; or	154	265.1033(j)(1)	265.1033(j)(1)	X			
completely revise: to operate at pressure below atmospheric pressure; how to equip system	154.1 154.5 154	265.1033(j)(2)	265.1033(j)(2)	X			
redesignate 265.1033(k) as 265.1033(l); add new 265.1033(k): owner/ operator to monitor & inspect closed-vent system to ensure proper operation & maintenance by implementing following:	154	265.1033(k)	265.1033(k)	X			
closed-vent system used to comply with 265.1033(j)(1) shall be inspected & monitored in accordance with:	154	265.1033(k)(1)	265.1033(k)(1)	X			
initial leak detection monitoring shall be conducted on or before date system becomes subject to 265.1033; use procedures in 265.1034(b)	154	265.1033(k)(1)(i)	265.1033(k)(1)(i)	X			
after monitoring required in 265.1033(k)(1)(i), owner/operator shall inspect & monitor as follows:	154	265.1033(k)(1)(ii)	265.1033(k)(1)(ii)	X			
	154	265.1033(k)(1)(ii)(A)	265.1033(k)(1)(ii)(A)	X			
	154	265.1033(k)(1)(ii)(B)	265.1033(k)(1)(ii)(B)	X			
in event that defect or leak is detected, owner/operator shall repair it in accordance with 265.1033(k)(3)	154	265.1033(k)(1)(iii)	265.1033(k)(1)(iii)	X			
owner/operator shall maintain record of inspection & monitoring in accordance with 265.1035	154	265.1033(k)(1)(iv)	265.1033(k)(1)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA- IN SCOPE
each closed-vent system used to comply with 265.1033(j)(2) shall be inspected & monitored in accordance with the specified requirements	154	265.1033(k)(2)	265.1033 (k)(2)	X			
	154	265.1033(k)(2)(i)	265.1033 (k)(2)(i)	X			
	154	265.1033(k)(2)(ii)	265.1033 (k)(2)(ii)	X			
	154	265.1033(k)(2)(iii)	265.1033 (k)(2)(iii)	X			
	154	265.1033(k)(2)(iv)	265.1033 (k)(2)(iv)	X			
owner/operator shall repair all detected defects as follows:	154	265.1033(k)(3)	265.1033 (k)(3)	X			
detectable emissions shall be controlled as soon as practicable, but not later than 15 days after detected, except as in 265.1033(k)(3)(iii)	154	265.1033(k)(3)(i)	265.1033 (k)(3)(i)	X			
first attempt at repair shall be made no later than 5 days after emission is detected	154	265.1033(k)(3)(ii)	265.1033 (k)(3)(ii)	X			
delay of repair is allowed if it is infeasible without a shutdown, or if emissions resulting from repair are > emissions from delay of repair; repair of such equipment shall be completed by end of next shutdown	154	265.1033(k)(3)(iii)	265.1033 (k)(3)(iii)	X			
owner/operator shall maintain record of repair in accordance with 265.1035	154	265.1033(k)(3)(iv)	265.1033 (k)(3)(iv)	X			
redesignate former 265.1033(k) as (l)	154	265.1033(l)	265.1033 (l)	X			
20 owner/operator using carbon adsorption system shall document that all carbon that is hazardous & removed from control device is managed in one of following manners:	154.1 154.5 154	265.1033(m)	265.1033 (m)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
regenerated or reactivated in a thermal treatment unit that meets one of following:	154.1 154.5 154	265.1033(m) (1)	265.1033 (m)(1)	X			
owner/operator has been issued final permit under part 270, which implements subpart X requirements; or	154	265.1033(m) (1)(i)	265.1033 (m)(1)(i)	X			
unit is equipped with & operating air emission controls in accordance with subparts AA & CC of 264 or 265; or	154	265.1033(m) (1)(ii)	265.1033 (m)(1)(ii)	X			
unit is equipped with & operating air emission controls in accordance with national emission standards of 61 or 63	154	265.1033(m) (1)(iii)	265.1033 (m)(1)(iii)	X			
incinerated in a hazardous waste incinerator for which the owner/operator either:	154.1 154.5 154	265.1033(m) (2)	265.1033 (m)(2)	X			
has been issued a final permit under part 270 which implements the requirements of subpart O; or	154.5 154	265.1033(m) (2)(i)	265.1033 (m)(2)(i)	X			
has designed & operates the incinerator in accordance with part 265, subpart O	154.5 154	265.1033(m) (2)(ii)	265.1033 (m)(2)(ii)	X			
burned in boiler or industrial furnace for which owner/operator either:	154.1 154.5 154	265.1033(m) (3)	265.1033 (m)(3)	X			
has been issued a final permit under part 270 which implements part 266, subpart H; or	154.5 154	265.1033(m) (3)(i)	265.1033 (m)(3)(i)	X			
has designed & operates boiler or industrial furnace in accordance with part 266, subpart H	154.5 154	265.1033(m) (3)(ii)	265.1033 (m)(3)(ii)	X			
any components of a closed-vent system designated in 265.1035(c) (9) as unsafe are exempt from 265.1033 (k)(1)(ii)(B) if:	154	265.1033(n)	265.1033(n)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
owner/operator determines that monitoring personnel would be in danger as a consequence of complying	154	265.1033(n)(1)	265.1033 (n)(1)	X			
owner/operator adheres to written plan requiring monitoring using procedure in 265.1033(k)(1)(ii) (B) as frequently as practicable	154	265.1033(n)(2)	265.1033 (n)(2)	X			

TEST METHODS AND PROCEDURES

replace "§265.1033(j)" with "§265.1033(k) of this subpart"	154	265.1034(b)	265.1034 (b)	X			
--	-----	-------------	-----------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
RECORDKEEPING REQUIREMENTS							
replace "(f) through (j)" with "(f) through (k)"; insert "of this subpart" after "265.1033"	154	265.1035(c)(3)	265.1035 (c)(3)	X			
recordkeeping requirements for owner/ operator designating any components of a closed-vent system as unsafe to monitor shall record ID of such components in accordance with 265.1033(n), & explain why component is unsafe & plan for monitoring	154	265.1035(c)(9)	265.1035 (c)(9)	X			
when leak is detected as in 265.1033(k), the following shall be recorded:	154	265.1035(c) (10)	265.1035 (c)(10)	X			
instrument number, closed-vent system component ID number, & operator name, initials, or ID number	154	265.1035(c) (10)(i)	265.1035 (c)(10)(i)	X			
date leak was detected & date of first attempt to repair	154	265.1035(c) (10)(ii)	265.1035 (c)(10)(ii)	X			
date of successful repair	154	265.1035(c) (10)(iii)	265.1035 (c)(10)(iii)	X			
maximum instrument reading by Method 21, part 60, Appendix A	154	265.1035(c) (10)(iv)	265.1035 (c)(10)(iv)	X			
"repair delayed" & reason for delay if not repaired within 15 days	154	265.1035(c) (10)(v)	265.1035 (c)(10)(v)	X			
owner/operator may justify repair delay in writing; document reasons for repair delay	154	265.1035(c) (10)(v)(A)	265.1035 (c)(10)(v)(A)	X			
documentation required if repair delay was due to depletion of stocked parts	154	265.1035(c) (10)(v)(B)	265.1035 (c)(10)(v)(B)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADEN SCOPE
replace "(c)(3)-(c)(8)" with "(c)(3) through (c)(10)"; replace "need be kept only 3 years" with "shall be maintained by the owner/operator for at least 3 years following the date of each occurrence, measurement, maintenance, corrective action, or record"	154	265.1035(d)	265.1035 (d)	X			

SUBPART BB - AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS

APPLICABILITY

replace "265.1064(j)" with "265.1064(k)"; insert "one of the following" after "managed in"	154	265.1050(b)	265.1050 (b)	X			
replace "Units that are" with "A unit that is"; insert "40 CFR" prior to "part 270"	154	265.1050(b)(1)	265.1050 (b)(1)	X			
completely revise: unit not exempt from permitting under 262.34(a) that is located at a hazardous waste management facility otherwise subject to part 270, or	154	265.1050(b)(2)	265.1050 (b)(2)	X			
unit exempt from permitting under 262.34(a)	154	265.1050(b)(3)	265.1050 (b)(3)	X			
equipment that contains or contacts hazardous waste with specific organic concentration is excluded from 265.1052-265.1060 if identified as required in 265.1064(g)(6)	154	265.1050(e)	265.1050 (e)	X			
delete reference to "262.34" from note	154	265.1050/note at end	265.1050 Note	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
STANDARDS: SAMPLING CONNECTION SYSTEMS							
insert ", closed-loop," after "closed-purge"; delete "system" after "closed-purge"; insert second & third sentences regarding reason for sample purge system & that gases displaced during filling do not require collection	154	265.1055(a)	265.1055 (a)	X			
delete "system" following "closed-purge"; insert ", closed-loop," after "closed-purge"; insert "of this section" following "paragraph (a)"	154	265.1055(b)	265.1055 (b)	X			
completely revise: return purged process fluid directly to process line:	154	265.1055(b)(1)	265.1055 (b)(1)	X			
replace "hazardous waste stream with no detectable emissions to atmosphere," with "process fluid:"	154	265.1055(b)(2)	265.1055 (b)(2)	X			
completely revise: be designed & operated to capture & transport all purged process fluid to waste management unit that complies with 265.1085-265.1087 or control device that complies with 265.1060	154	265.1055(b)(3)	265.1055 (b)(3)	X			
insert "and sampling systems without purges" after "systems"	154	265.1055(c)	265.1055 (c)	X			
STANDARDS: PUMPS AND VALVES IN HEAVY LIQUID SERVICE, PRESSURE RELIEF DEVICES IN LIGHT LIQUID OR HEAVY LIQUID SERVICE, AND FLANGES AND OTHER CONNECTORS							
inaccessible, ceramic or ceramic-lined connectors exempt from monitoring requirements of 265.1058(a) & 265.1064	154	265.1058(e)	265.1058 (e)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
RECORDKEEPING REQUIREMENTS							
ID of equipment that contains or contacts hazardous waste with certain characteristics	154	265.1064(g)(6)	265.1064 (g)(6)	X			

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

APPLICABILITY

21 regulations in 265, Subpart CC apply to owners/operators of facilities that treat, store, or dispose of hazardous waste in tanks, surface impoundments, or containers except as in 265.1 & 265.1080(b)	154.1	265.1080(a)	265.1080 (a)	X			
requirements of 265, Subpart CC do not apply to the following waste management units at the facility:	154.1	265.1080(b)	265.1080 (b)	X			
waste management unit that holds hazardous waste placed in it before October 6, 1996 & to which none is added on or after this date	154.1 154.2 154.4 154.6	265.1080(b)(1)	265.1080 (b)(1)	X			
container with capacity $\leq 0.1 \text{ m}^3$	154.1	265.1080(b)(2)	265.1080 (b)(2)	X			
tank in which owner/ operator has stopped adding hazardous waste & has begun implementing or completed closure	154.1	265.1080(b)(3)	265.1080 (b)(3)	X			
surface impoundment in which owner/operator has stopped adding hazardous waste & has begun implementing or completed closure	154.1	265.1080(b)(4)	265.1080 (b)(4)	X			
waste management unit that is used solely for on-site treatment or storage of hazardous waste generated from remedial activities	154.1	265.1080(b)(5)	265.1080 (b)(5)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
waste management unit used solely for management of radioactive mixed waste	154.1	265.1080(b)(6)	265.1080 (b)(6)	X			
hazardous waste management unit equipped with & operating air emission controls in accordance with Clean Air Act; tanks for which air emission control includes an enclosure, must comply with 265.1085 (i), except as in 265.1083(c)(5)	154	265.1080(b)(7)	265.1080 (b)(7)	X			
tank with process vent as defined in 264.1031	154	265.1080(b)(8)	265.1080 (b)(8)	X			
for owners/operators of facility subject to 265, Subpart CC & who have received a final RCRA permit prior to October 6, 1996, the following requirements apply:	154.1 154.2 154.4 154.6	265.1080(c)	265.1080 (c)	X			
requirements of 264, Subpart CC shall be incorporated in permit when permit is reissued	154.1	265.1080(c)(1)	265.1080 (c)(1)	X			
until date when permit is reissued or reviewed, owner/operator is subject to requirements of 265, Subpart CC.	154.1	265.1080(c)(2)	265.1080 (c)(2)	X			
requirements of subpart CC, with exception of 265.1090(i), are administratively stayed for a tank or container used to manage hazardous waste generated by organic peroxide manufacturing & associated laboratory operations when owner/operator meets all of specified conditions	154.3	265.1080(d)	265.1080 (d)	X			
	154.3	265.1080(d)(1)	265.1080 (d)(1)	X			
	154.3	265.1080(d)(2)	265.1080 (d)(2)	X			
	154.3	265.1080(d)(3)	265.1080 (d)(3)	X			
DEFINITIONS							
terms not defined in 265.1081 have meaning given in the Act & Parts 260-266	154.1	265.1081	265.1081	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
"average volatile organic concentration" or "average VO concentration"	154.1	265.1081	265.1081	✓			
"closure device"	154	265.1081	265.1081	X			
"continuous seal"	154	265.1081	265.1081	X			
"cover"	154.1 154.5 154	265.1081	265.1081	X			
"enclosure"	154.5 154	265.1081	265.1081	X			
"external floating roof"	154.1 154	265.1081	265.1081	X			
"fixed roof"	154.1 154	265.1081	265.1081	X			
"floating membrane cover"	154.1	265.1081	265.1081	X			
"floating roof"	154.1 154	265.1081	265.1081	X			
"hard-piping"	154	265.1081	265.1081	X			
"in light material service"	154	265.1081	265.1081	X			
"internal floating roof"	154.1 154	265.1081	265.1081	X			
"liquid-mounted seal"	154.1	265.1081	265.1081	X			
"malfunction"	154	265.1081	265.1081	X			
"maximum organic vapor pressure"	154.1 154	265.1081	265.1081	X			
"metallic shoe seal"	154	265.1081	265.1081	X			
"no detectable organic emissions"	154.1 154	265.1081	265.1081	X			
"point of waste origination"	154.1	265.1081	265.1081	X			
"point of waste treatment"	154.1 154	265.1081	265.1081	X			
"safety device"	154	265.1081	265.1081	X			
"single-seal system"	154	265.1081	265.1081	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
"vapor-mounted seal"	154.1 154	265.1081	265.1081	X			
"volatile organic concentration" or "VO concentration"	154.1 154	265.1081	265.1081	X			
"waste determination"	154.1 154.5	265.1081	265.1081	X			
"waste stabilization process"	154.1 154.5	265.1081	265.1081	X			

SCHEDULE FOR IMPLEMENTATION OF AIR EMISSION STANDARDS

owners/operators of facilities existing on October 6, 1996 & subject to 265, Subparts I, J, & K shall meet the following requirements:	154.1 154.2 154.4 154.6	265.1082(a)	265.1082(a)	X			
install & begin operation of control equipment by October 6, 1996, except as in 265.1082(a)(2)	154.1 154.2 154.4 154.6	265.1082(a)(1)	265.1082(a)(1)	X			
when control equipment cannot be installed & in operation by October 6, 1996, owner/operator shall:	154.1 154.2 154.4 154.6	265.1082(a)(2)	265.1082(a)(2)	X			
install & begin operation as soon as possible, but no later than December 8, 1997	154.1	265.1082(a)(2)(i)	265.1082(a)(2)(i)	X			
prepare implementation plan which includes specified information	154.1	265.1082(a)(2)(ii)	265.1082(a)(2)(ii)	X			
for facilities subject to recordkeeping requirements of 265.73, implementation schedule shall be entered in operating record no later than October 6, 1996	154.1 154.2 154.4 154.6	265.1082(a)(2)(iii)	265.1082(a)(2)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
for facilities not subject to 265.73 requirements, implementation schedule shall be entered into permanent, readily available file located at the facility no later than October 6, 1996	154.1 154.2 154.4 154.6	265.1082(a)(2)(iv)	265.1082(a)(2)(iv)	X			
facilities in existence on effective date of statutory or regulatory amendments under the Act that subject the facilities to 265, Subpart I, J, or K shall meet the following requirements:	154.1	265.1082(b)	265.1082(b)	X			
install & operate all control equipment by effective date of amendment except as in 265.1082(b)(2)	154.1	265.1082(b)(1)	265.1082(b)(1)	X			
when control equipment cannot be installed & begin operation by effective date of amendment, owner/ operator shall:	154.1	265.1082(b)(2)	265.1082(b)(2)	X			
install & begin operation as soon as possible, but no later than 30 months after effective date of amendment	154.1	265.1082(b)(2)(i)	265.1082(b)(2)(i)	X			
for facilities subject to recordkeeping requirements of 265.73, enter & maintain implementation schedule in operating record no later than effective date of amendment, or	154.1	265.1082(b)(2)(ii)	265.1082(b)(2)(ii)	X			
for facilities not subject to 265.73, enter & maintain implementation schedule in permanent, readily available file located at the facility no later than effective date of amendment	154.1	265.1082(b)(2)(iii)	265.1082(b)(2)(iii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
Regional Administrator may extend implementation date for control equipment at a facility, on a case-by-case basis, to date later than December 8, 1997, under specified circumstances	154.1	265.1082(c)	265.1082 (c)	X			

STANDARDS: GENERAL

5 265.1083 applies to management of hazardous waste in tanks, surface impoundments, & containers subject to 265, Subpart CC	154.1 154	265.1083(a)	265.1083 (a)	X			
owner/operator shall control air pollutant emissions from each waste management unit in accordance with 265.1085-1088, except as in 265.1083(c)	154.1 154	265.1083(b)	265.1083 (b)	X			
tank, surface impoundment, or container is exempt from 265.1085-1088, as applicable, provided unit is:	154.1 154	265.1083(c)	265.1083 (c)	X			
tank, surface impoundment, or container for which entering hazardous waste has average VO concentration at point of origination < 500 ppmw; how VO concentration shall be determined; frequency of reviews & updates	154.1 154	265.1083(c)(1)	265.1083 (c)(1)	X			
tank, surface impoundment, or container for which organic content of hazardous waste entering the waste management unit has been reduced by organic destruction or removal that achieves one of following:	154.1 154	265.1083(c)(2)	265.1083 (c)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
5 process that removes or destroys organics to level such that average VO concentration at point of treatment < exit concentration limit established for the process; how average VO concentration shall be determined	154.1 154	265.1083(c)(2) (i)	265.1083 (c)(2)(i)	X			
process that removes or destroys organics to level such that organic reduction efficiency is ≥ 95% & average VO concentration at point of waste treatment is < 100 ppmw; how organic reduction efficiency & average VO concentration shall be determined	154.1 154	265.1083(c)(2) (ii)	265.1083 (c)(2)(ii)	X			
22 process that removes or destroys organics to level such that actual organic mass removal rate is ≥ required organic mass removal rate established for the process; how required organic mass removal rate & actual organic mass removal rate shall be determined	154.1 154.5 154	265.1083(c)(2) (iii)	265.1083 (c)(2)(iii)	X			
5 biological process that destroys or degrades organics contained in hazardous waste such that one of the following conditions is met:	154.1 154	265.1083(c)(2) (iv)	265.1083 (c)(2)(iv)	X			
organic reduction efficiency for process is ≥ 95% & organic biodegradation efficiency is ≥ 95%; how organic reduction efficiency & biodegradation efficiency shall be determined	154.1 154	265.1083(c)(2) (iv)(A)	265.1083 (c)(2)(iv)(A)	X			
5 total actual organic mass biodegradation rate for all hazardous waste treated by the process is ≥ required organic mass removal rate; how organic mass removal rate & actual mass biodegradation rate shall be determined	154.1 154	265.1083(c)(2) (iv)(B)	265.1083 (c)(2)(iv)(B)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQU V-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
process that removes or destroys organics contained in hazardous waste & meets all of specified conditions	154.1 154	265.1083(c)(2) (v)	265.1083 (c)(2)(v)	X			
	154.1 154	265.1083(c)(2) (v)(A)	265.1083 (c)(2)(v)(A)	X			
	154.1 154	265.1083(c)(2) (v)(B)	265.1083 (c)(2)(v)(B)	X			
	154.1 154	265.1083(c)(2) (v)(C)	265.1083 (c)(2)(v)(C)	X			
23 process that removes or destroys organics in hazardous waste to specified levels; specified levels to be determined using procedures in 265.1084(a) & (b)	154.1 154	265.1083(c)(2) (vi)	265.1083 (c)(2)(vi)	X			
23 hazardous waste incinerator for which owner/operator has either:	154.1 154	265.1083(c)(2) (vii)	265.1083 (c)(2)(vii)	X			
been issued a final permit under part 270 which implements subpart O; or	154.1 154	265.1083(c)(2) (vii)(A)	265.1083 (c)(2)(vii)(A)	X			
has designed & operates incinerator in accordance with interim status requirements of part 265, subpart O	154.1 154	265.1083(c)(2) (vii)(B)	265.1083 (c)(2)(vii)(B)	X			
23 boiler or industrial furnace for which owner/operator has either:	154	265.1083(c)(2) (viii)	265.1083 (c)(2)(viii)	X			
been issued a final permit under 270 which implements 266, subpart H; or	154	265.1083(c)(2) (viii)(A)	265.1083 (c)(2)(viii) (A)	X			
designed & operates boiler or industrial furnace in accordance with interim status requirements of 266, subpart H	154	265.1083(c)(2) (viii)(B)	265.1083 (c)(2)(viii) (B)	X			
for determining the performance of organic destruction process, owner/operator shall account for VO concentrations below detection limit by using the following:	154	265.1083(c)(2) (ix)	265.1083 (c)(2)(ix)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if Method 25D in part 60, appendix A is used, 1/2 blank value determined in method	154	265.1083(c)(2)(ix)(A)	265.1083 (c)(2)(ix)(A)	X			
if other method used, 1/2 detection limit established for the method	154	265.1083(c)(2)(ix)(B)	265.1083 (c)(2)(ix)(B)	X			
tank used for biological treatment of hazardous waste in accordance with 265.1083(c)(2)(iv)	154	265.1083(c)(3)	265.1083 (c)(3)	X			
tank, surface impoundment, or container for which hazardous waste placed in either:	154	265.1083(c)(4)	265.1083 (c)(4)	X			
meets numerical concentration limits for organic constituents in 268.40; or	154	265.1083(c)(4)(i)	265.1083 (c)(4)(i)	X			
has been treated as in 268.42(a), or by equivalent method pursuant to 268.42(b)	154	265.1083(c)(4)(ii)	265.1083 (c)(4)(ii)	X			
tank used for bulk feed of hazardous waste to incinerator, & all of following are met:	154	265.1083(c)(5)	265.1083 (c)(5)	X			
tank is inside enclosure vented to a control device designed & operated in accordance with part 61, subpart FF for a facility generating \$ 10 megagrams of benzene per year	154	265.1083(c)(5)(i)	265.1083 (c)(5)(i)	X			
tank's enclosure & control device installed & began operation prior to November 25, 1996	154	265.1083(c)(5)(ii)	265.1083 (c)(5)(ii)	X			
enclosure designed & operated in accordance with 52.741, appendix B; allowance for openings; verification as in Section 5.0	154	265.1083(c)(5)(iii)	265.1083 (c)(5)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRAN-GENT	BROADER IN SCOPE
24 Regional Administrator may perform, or request owner/operator perform waste determination for hazardous waste managed in a tank, surface impoundment, or container exempted from using air emission controls under 265.1083 as follows:	154.1 154.5 154	265.1083(d)	265.1083(d)	X			
waste determination for average VO concentration of hazardous waste at point of origination shall be performed using direct measurement in accordance with 265.1084(a); how determination will be performed	154.1 154	265.1083(d)(1)	265.1083 (d)(1)	X			
25 in performing waste determination pursuant to 265.1083(d)(1), sample preparation shall be conducted as follows:	154.1 154	265.1083(d)(2)	265.1083 (d)(2)	X			
in accordance with method used by owner/operator, except as specified by 265.1083(d)(2)(ii)	154	265.1083(d)(2)(i)	265.1083 (d)(2)(i)	X			
if Regional Administrator determines owner/ operator's methods inappropriate, then may choose appropriate one	154	265.1083(d)(2)(ii)	265.1083 (d)(2)(ii)	X			
25 when owner/operator performs waste determination, Regional Administrator may have representative observe sampling	154.1 154	265.1083(d)(3)	265.1083 (d)(3)	X			
25 if results of waste determination performed or requested by Regional Administrator do not agree with results of waste determination performed by owner/ operator, then results of waste determination performed under 265.1083(d)(1) shall be used	154.1 154	265.1083(d)(4)	265.1083 (d)(4)	X			

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
25 if averaging period > 1 hour was used to determine average VO concentration of hazardous waste at point of origination, Regional Administrator can establish 265, Subpart CC compliance by performing or requesting that owner/operator perform waste determination based on samples collected within 1-hour period as specified	154	265.1083(d)(5)	265.1083 (d)(5)	X			
	154	265.1083(d)(5) (i)	265.1083 (d)(5)(i)	X			
	154	265.1083(d)(5) (ii)	265.1083 (d)(5)(ii)	X			
	154	265.1083(d)(5) (iii)	265.1083 (d)(5)(iii)	X			

WASTE DETERMINATION PROCEDURES

waste determination procedure to determine average VO concentration of hazardous waste at point of origination	154.1 154	265.1084(a)	265.1084 (a)	X			
26 average VO concentration at point of waste origination shall be determined for each hazardous waste placed in units exempted under 265. 1083(c)(1) from using air emission controls in accordance with 265.1085-1088	154.1 154	265.1084(a)(1)	265.1084 (a)(1)	X			
average VO concentration of hazardous waste at point of origination shall be determined using direct measurement as in 265.1084(a)(3) or (4)	154.1 154	265.1084(a)(2)	265.1084 (a)(2)	X			
direct measurement to determine average VO concentrations of hazardous waste at point of origination	154.1 154	265.1084(a)(3)	265.1084 (a)(3)	X			
identification; owner/ operator shall identify & record point of waste origination	154.1 154	265.1084(a)(3) (i)	265.1084 (a)(3)(i)	X			
sampling; samples shall be collected at point of waste origination in manner that minimizes volatilization of organics & that is adequately representative	154.1 154	265.1084(a)(3) (ii)	265.1084 (a)(3)(ii)	X			
	154	265.1084(a)(3) (ii)(A)	265.1084 (a)(3)(ii)(A)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	154	265.1084(a)(3)(ii)(B)	<i>264.1084 (a)(3)(ii)(B)</i>	X			
	154	265.1084(a)(3)(ii)(C)	<i>264.1084 (a)(3)(ii)(C)</i>	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RULE CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	154	265.1084(a)(3)(iii)	265.1084(a)(3)(iii)	X			
	154	265.1084(a)(3)(iii)(A)	265.1084(a)(3)(iii)(A)	X			
	154	265.1084(a)(3)(iii)(B)	265.1084(a)(3)(iii)(B)	X			
	154	265.1084(a)(3)(iii)(C)	265.1084(a)(3)(iii)(C)	X			
	154	265.1084(a)(3)(iii)(D)	265.1084(a)(3)(iii)(D)				
	154	265.1084(a)(3)(iii)(E)	265.1084(a)(3)(iii)(E)	X			
	154	265.1084(a)(3)(iii)(F)	265.1084(a)(3)(iii)(F)	X			
	154	265.1084(a)(3)(iii)(F)(1)	265.1084(a)(3)(iii)(FX1)	X			
	154	265.1084(a)(3)(iii)(F)(2)	265.1084(a)(3)(iii)(FX2)	X			
	154	265.1084(a)(3)(iii)(G)	265.1084(a)(3)(iii)(G)	X			
	154	265.1084(a)(3)(iii)(G)(1)	265.1084(a)(3)(iii)(G)(1)	X			
	154	265.1084(a)(3)(iii)(G)(2)	265.1084(a)(3)(iii)(G)(2)	X			
	154	265.1084(a)(3)(iii)(H)	265.1084(a)(3)(iii)(H)	X			
analysis; each collected sample shall be prepared & analyzed in accordance with one or more of the specified methods	154	265.1084(a)(3)(iii)(I)	265.1084(a)(3)(iii)(I)	X			
calculations; average VO concentration on mass-weighted basis shall be calculated by using specified equation	154	265.1084(a)(3)(iv)	265.1084(a)(3)(iv)	X			
use of owner/operator knowledge to determine average VO concentration of hazardous waste at point of origination	154.1 154	265.1084(a)(4)	265.1084(a)(4)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
prepare documentation of basis for owner's or operator's knowledge of hazardous waste stream's average VO concentration; examples	154.1 154	265.1084(a)(4) (i)	265.1084 (a)(4)(i)	X			
if test data are used as basis of knowledge, owner/operator shall document test method, sampling protocol, & means by which sampling & analytical variability are accounted for; examples	154.1 154	265.1084(a)(4) (ii)	265.1084 (a)(4)(ii)	X			
owner/operator using chemical constituent-specific concentration test data as basis for knowledge may adjust test data; how to adjust data	154.1 154	265.1084(a)(4) (iii)	265.1084 (a)(4)(iii)	X			
if Regional Administrator & owner/operator disagree on the determination, then results of direct measurement as in 265.1084(a)(3) shall be used; Regional Administrator may perform or request owner/operator to perform determination	154	265.1084(a)(4) (iv)	265.1084 (a)(4)(iv)	X			
11 waste determination procedures for treated hazardous waste	154.1 154	265.1084(b)	265.1084(b)	X			
26 applicable waste determinations shall be performed for each treated hazardous waste placed in units exempted under 265.1083(c) (2) from using air emission controls in accordance with 265.1085-1088	154.1 154	265.1084(b)(1)	265.1084 (b)(i)	X			
owner/operator shall designate & record specific provision in 265.1083(c)(2) under which waste determination is performed; applicable procedures in 265.1084(b)(3)-(9) shall be used in waste determination	154.1 154	265.1084(b)(2)	265.1084 (b)(2)	X			

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOG: US STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
procedure to determine average VO concentration of hazardous waste at point of waste treatment	154.1 154	265.1084(b)(3)	265.1084 (b)(3)	X			
ID; owner/operator shall identify & record point of waste treatment sampling; samples shall be collected at point of waste treatment in manner that minimizes volatilization of organics & that is adequately representative	154	265.1084(b)(3)(i)	265.1084 (b)(3)(i)	X			
	154	265.1084(b)(3)(ii)	265.1084 (b)(3)(ii)	X			
	154	265.1084(b)(3)(ii)(A)	265.1084 (b)(3)(ii)(A)	X			
	154	265.1084(b)(3)(ii)(B)	265.1084 (b)(3)(ii)(B)	X			
	154	265.1084(b)(3)(ii)(C)	265.1084 (b)(3)(ii)(C)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
	154	265.1084(b)(3)(iii)	265.1084(b)(3)(iii)	X			
	154	265.1084(b)(3)(iii)(A)	265.1084(b)(3)(iii)(A)	X			
	154	265.1084(b)(3)(iii)(B)	265.1084(b)(3)(iii)(B)	X			
	154	265.1084(b)(3)(iii)(C)	265.1084(b)(3)(iii)(C)	X			
	154	265.1084(b)(3)(iii)(D)	265.1084(b)(3)(iii)(D)	X			
	154	265.1084(b)(3)(iii)(E)	265.1084(b)(3)(iii)(E)	X			
	154	265.1084(b)(3)(iii)(F)	265.1084(b)(3)(iii)(F)	X			
	154	265.1084(b)(3)(iii)(F)(1)	265.1084(b)(3)(iii)(F)(1)	X			
	154	265.1084(b)(3)(iii)(F)(2)	265.1084(b)(3)(iii)(F)(2)	X			
	154	265.1084(b)(3)(iii)(G)	265.1084(b)(3)(iii)(G)	X			
	154	265.1084(b)(3)(iii)(G)(1)	265.1084(b)(3)(iii)(G)(1)	X			
	154	265.1084(b)(3)(iii)(G)(2)	265.1084(b)(3)(iii)(G)(2)	X			
analysis; each collected sample shall be prepared & analyzed in accordance with one or more of the specified methods	154	265.1084(b)(3)(iii)(H)	265.1084(b)(3)(iii)(H)	X			
	154	265.1084(b)(3)(iii)(I)	265.1084(b)(3)(iii)(I)	X			
calculations; average VO concentration on mass-weighted basis shall be calculated by using specified equation	154	265.1084(b)(3)(iv)	265.1084(b)(3)(iv)	X			
procedure to determine exit concentration limit for treated hazardous waste	154.1 154	265.1084(b)(4)	265.1084(b)(4)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
point of origination for each hazardous waste treated by the process at the same time shall be identified	154.1 154	265.1084(b)(4) (i)	265.1084 (b)(4)(i)	X			
if single hazardous waste stream is identified, then exit concentration limit shall be 500 ppmw	154.1 154	265.1084(b)(4) (ii)	265.1084 (b)(4)(ii)	X			
if more than one hazardous waste stream is identified, then VO concentration of each waste stream shall be determined; exit concentration limit shall be calculated using results determined for each waste stream & the specified equation	154.1 154	265.1084(b)(4) (iii)	265.1084 (b)(4)(iii)	X			
procedure to determine organic reduction efficiency for treated hazardous waste	154.1 154	265.1084(b)(5)	265.1084 (b)(5)	X			
organic reduction efficiency shall be determined based on results for minimum of 3 consecutive runs	154.1 154	265.1084(b)(5) (i)	265.1084 (b)(5)(i)	X			
all hazardous waste streams entering & exiting the treatment process shall be identified; owner/operator shall prepare sampling plan	154.1 154	265.1084(b)(5) (ii)	265.1084 (b)(5)(ii)	X			
for each run, information shall be determined for each hazardous waste stream identified in 265.1084(b)(5)(ii) using specified procedures	154.1 154	265.1084(b)(5) (iii)	265.1084(b) (5)(iii)	X			
	154	265.1084(b)(5) (iii)(A)	265.1084(b) (5)(iii)(A)	X			
	154	265.1084(b)(5) (iii)(B)	265.1084(b) (5)(iii)(B)	X			
waste volatile organic mass flow entering & exiting the process shall be calculated using results determined in accordance with 265.1084(b)(5)(iii) & the specified equations	154	265.1084(b)(5) (iv)	265.1084 (b)(5)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
organic reduction efficiency of the process shall be calculated using results determined in accordance with 265.1084(b)(5)(iv) & the specified equations	154	265.1084(b)(5)(v)	265.1084 (b)(5)(v)	X			
procedure to determine organic biodegradation efficiency for treated hazardous waste	154.1 154	265.1084(b)(6)	265.1084 (b)(6)	X			
fraction of organics biodegraded shall be determined using the procedure in 40 CFR 63, appendix C	154.1 154	265.1084(b)(6)(i)	265.1084 (b)(6)(i)	X			
organic biodegradation efficiency of the process shall be calculated using specified equation	154.1 154	265.1084(b)(6)(ii)	265.1084 (b)(6)(ii)	X			
procedure to determine required organic mass removal rate for treated hazardous waste	154.1 154	265.1084(b)(7)	265.1084 (b)(7)	X			
all of hazardous waste streams entering treatment process shall be identified	154.1 154	265.1084(b)(7)(i)	265.1084 (b)(7)(i)	X			
average VO concentration of each hazardous waste stream identified at point of origination shall be determined in accordance with 265.1084(a)	154.1 154	265.1084(b)(7)(ii)	265.1084 (b)(7)(ii)	X			
for each individual hazardous waste stream that has average VO concentration \geq 500 ppmw at point of origination, average volumetric flow rate & density of hazardous waste stream shall be determined	154.1 154	265.1084(b)(7)(iii)	265.1084 (b)(7)(iii)	X			
RMR shall be calculated using average VO concentration, average volumetric flow rate density determined for each hazardous waste stream, & specified equation	154.1 154	265.1084(b)(7)(iv)	265.1084 (b)(7)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
procedure to determine actual organic mass removal rate for treated hazardous waste	154.1 154	265.1084(b)(8)	265.1084 (b)(8)	X			
MR shall be determined based on results for minimum of 3 consecutive runs; sampling time for runs shall be 1 hour	154.1	265.1084(b)(8) (i)	265.1084 (b)(8)(i)	X			
waste volatile organic mass flow entering & exiting the process shall be determined in accordance with 265.1084(b)(5)(iv)	154.1 154	265.1084(b)(8) (ii)	265.1084 (b)(8)(ii)	X			
MR shall be calculated by using the results determined in accordance with 265.1084(b)(8)(ii) & specified equation	154.1 154	265.1084(b)(8) (iii)	265.1084 (b)(8)(iii)	X			
procedure to determine actual organic mass biodegradation rate for treated waste	154.1 154	265.1084(b)(9)	265.1084 (b)(9)	X			
MR shall be determined based on results for minimum of 3 consecutive runs; sampling time for runs shall be 1 hour	154.1 154	265.1084(b)(9) (i)	265.1084 (b)(9)(i)	X			
waste organic mass flow entering the process shall be determined in accordance with 265.1084(b)(5)(iv)	154.1 154	265.1084(b)(9) (ii)	265.1084 (b)(9)(ii)	X			
fraction of organic biodegraded shall be determined using procedure in 40 CFR 63, appendix C	154.1 154	265.1084(b)(9) (iii)	265.1084 (b)(9)(iii)	X			
actual organic mass biodegradation rate shall be calculated using mass flow rates & fraction of organic biodegraded determined in accordance with 265.1084(b)(9)(ii)&(iii) & specified equation	154	265.1084(b)(9) (iv)	265.1084 (b)(9)(iv)	X			
11 procedure to determine maximum organic vapor pressure of hazardous waste in a tank	154.1 154	265.1084(c)	265.1084 (c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
maximum organic vapor pressure shall be determined for each hazardous waste placed in a tank in accordance with Tank Level 1 controls in 265.1085(c)	154.1 154	265.1084(c)(1)	265.1084 (c)(1)	X			
26 direct measurement as in 265.1084(c)(3) or knowledge of the waste as in 265.1084(c)(4) shall be used to determine maximum organic vapor pressure representative of hazardous waste composition stored or treated in the tank	154.1 154	265.1084(c)(2)	265.1084 (c)(2)	X			
direct measurement to determine maximum organic vapor pressure of hazardous waste	154.1 154	265.1084(c)(3)	265.1084 (c)(3)	X			
sufficient number of samples shall be collected to represent waste in the tank; samples shall be collected & handled in accordance with written procedures & documented in site sampling plan; what the plan shall describe; copy of the plan to be maintained on-site; example of acceptable plan in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846	154.1 154.5 154	265.1084(c)(3) (i)	265.1084 (c)(3)(i)	X			
any appropriate one of the specified methods may be used to analyze samples & compute the maximum organic vapor pressure	154.1 154	265.1084(c)(3) (ii)	265.1084 (c)(3)(ii)	X			
	154.1 154	265.1084(c)(3) (ii)(A)	265.1084 (c)(3)(ii)(A)	X			
	154.1 154	265.1084(c)(3) (ii)(B)	265.1084 (c)(3)(ii)(B)	X			
	154.1 154	265.1084(c)(3) (ii)(C)	265.1084 (c)(3)(ii)(C)	X			
	154.1 154	265.1084(c)(3) (ii)(D)	265.1084 (c)(3)(ii)(D)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	154.1 154	265.1084(c)(3) (ii)(E)					
use of knowledge to determine maximum organic vapor pressure of hazardous waste; documentation shall be prepared & recorded that presents basis for owner/operator's knowledge that maximum organic vapor pressure of hazardous waste is < that listed in 265.1085(b)(1)(i); example of information that may be used	154.1 154	265.1084(c)(4)	265.1084 (c)(4)	X			
procedure for determining no detectable organic emissions:	154	265.1084(d)	265.1084(d)	X			
test shall be conducted in accordance with procedures in Method 21 of part 60, appendix A; each potential leak interface shall be checked; examples of potential leak interfaces that are associated with covers & closure devices	154	265.1084(d)(1)	265.1084 (d)(1)	X			
test shall be performed when hazardous waste unit contains organic concentration representative of wastes expected to be managed; cover & closure devices shall be closed during test	154	265.1084(d)(2)	265.1084 (d)(2)	X			
detection instrument shall meet criteria of Method 21 of part 60, appendix A, except instrument response factor criteria shall be for average composition, not for each constituent	154	265.1084(d)(3)	265.1084 (d)(3)	X			
detection instrument shall be calibrated before use each day by procedures in Method 21, part 60, appendix A	154	265.1084(d)(4)	265.1084 (d)(4)	X			
calibration gases shall be as follows:	154	265.1084(d)(5)	265.1084 (d)(5)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
zero air	154	265.1084(d)(5)(i)	265.1084 (1)(5)(i)	X			
a mixture of methane in air at concentration < 10,000 ppmv	154	265.1084(d)(5)(ii)	265.1084 (i)(5)(ii)	X			
background level shall be determined according to Method 21 of part 60, appendix A	154	265.1084(d)(6)	265.1084 (d)(6)	X			
each potential leak interface shall be checked by traversing the instrument probe around the leak as described in Method 21 of part 60, appendix A; what to do if sampling is impeded by cover or closure device configuration	154	265.1084(d)(7)	265.1084 (d)(7)	X			
arithmetic difference between maximum organic concentration shall be compared with value of 500 ppmv except when monitoring seal around a rotating shaft; if difference is < 500 ppmv, leak interface is determined to operate with no detectable organic emissions	154	265.1084(d)(8)	265.1084 (d)(8)	X			
for seals around a rotating shaft, arithmetic difference between maximum organic concentration shall be compared with value of 10,000 ppmw; if difference is < 10,000 ppmw, leak interface is determined to operate with no detectable organic emissions	154	265.1084(d)(9)	265.1084 (d)(9)	X			

27 STANDARDS: TANKS

provisions of 265.1085 apply to control of air pollutant emissions from tanks for which 265.1083(b) references use of 265.1085 for such air emission control	154	265.1085(a)	265.1085 (a)	X			
--	-----	-------------	-----------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall control air pollutant emissions from each tank subject to 265.1085 in accordance with the following:	154	265.1085(b)	265.1085 (b)	X			
requirements for a tank that manages hazardous waste & meets conditions in 265.1085(b)(1)(i)-(iii)	154	265.1085(b)(1)	265.1085 (b)(1)	X			
hazardous waste in the tank has maximum organic vapor pressure < the limit for the tank's capacity category as specified	154	265.1085(b)(1)(i)	265.1085 (b)(1)(i)	X			
	154	265.1085(b)(1)(i)(A)	265.1085 (b)(1)(i)(A)	X			
	154	265.1085(b)(1)(i)(B)	265.1085 (b)(1)(i)(B)	X			
	154	265.1085(b)(1)(i)(C)	265.1085 (b)(1)(i)(C)	X			
	154	265.1085(b)(1)(ii)	265.1085 (b)(1)(ii)	X			
hazardous waste in the tank is not heated by owner/operator to temperature at which maximum organic vapor pressure is determined according to 265.1085(b)(1)(i)	154	265.1085(b)(1)(ii)	265.1085 (b)(1)(ii)	X			
hazardous waste in the tank is not treated by owner/operator using waste stabilization process, as in 265.1081	154	265.1085(b)(1)(iii)	265.1085 (b)(1)(iii)	X			
requirements for tanks that do not meet 265.1085(b)(1)(i)-(iii); examples	154	265.1085(b)(2)	265.1085 (b)(2)	X			
owners/operators controlling air pollutant emissions from a tank using Tank Level 1 controls shall meet requirements in 265.1085(c)(1)-(c)(4)	154	265.1085(c)	265.1085 (c)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall determine maximum organic vapor pressure for hazardous waste in tank using Tank Level 1 controls before placing waste in tank; maximum organic vapor pressure shall be determined using 265.1084(c); when determinations shall be performed	154	265.1085(c)(1)	265.1085 (c)(1)	X			
tank shall be equipped with fixed roof designed to meet the following:	154	265.1085(c)(2)	265.1085 (c)(2)	X			
roof & its closure devices shall form a barrier over the surface of hazardous waste in the tank; what constitutes a fixed roof	154	265.1085(c)(2) (i)	265.1085 (c)(2)(i)	X			
installed without visible cracks, holes, gaps, or other open spaces between joints or edges	154	265.1085(c)(2) (ii)	265.1085 (c)(2)(ii)	X			
how each opening in the fixed roof shall be equipped with a closure device or connected by a closed-vent system	154	265.1085(c)(2) (iii)	265.1085 (c)(2)(iii)	X			
	154	265.1085(c)(2) (iii)(A)	265.1085(c) (2)(iii)(A)	X			
	154	265.1085(c)(2) (iii)(B)	265.1085(c) (2)(iii)(B)	X			
fixed roof & its closure devices shall consist of materials to minimize exposure of hazardous waste to the atmosphere & maintain integrity throughout service life; factors for selecting materials	154	265.1085(c)(2) (iv)	265.1085 (c)(2)(iv)	X			
whenever hazardous waste is in the tank, fixed roof shall be installed with closure device secured in closed position except:	154	265.1085(c)(3)	265.1085 (c)(3)	X			
	154	265.1085(c)(3) (i)	265.1085 (c)(3)(i)	X			

opening of closure devices or removal of fixed roof is allowed to provide access or to remove accumulated sludge

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROAD- EN SCOPE
	154	265.1085(c)(3)(i)(A)	265.1085(c)(3)(i)(A)	X			
	154	265.1085(c)(3)(i)(B)	265.1085(c)(3)(i)(B)	X			
opening of pressure relief devices which vent to the atmosphere during normal operations to maintain internal pressure; designed to operate with no detectable emissions when closed; remain in closed position when internal pressure is within operating range determined by owner/operator; normal operating conditions	154	265.1085(c)(3)(ii)	265.1085(c)(3)(ii)	X			
opening of safety device allowed to avoid unsafe condition	154	265.1085(c)(3)(iii)	265.1085(c)(3)(iii)	X			
owner/operator shall inspect air emission control equipment as follows:	154	265.1085(c)(4)	265.1085(c)(4)	X			
fixed roof & its closure devices shall be visually inspected for defects: examples	154	265.1085(c)(4)(i)	265.1085(c)(4)(i)	X			
initial inspection of fixed roof & closure devices on or before tank becomes subject to 265.1085; then at least once a year except under 265.1085(l)	154	265.1085(c)(4)(ii)	265.1085(c)(4)(ii)	X			
in event of defect, it shall be repaired in accordance with 265.1085(k)	154	265.1085(c)(4)(iii)	265.1085(c)(4)(iii)	X			
owner/operator shall maintain inspection record in accordance with 265.1090(b)	154	265.1085(c)(4)(iv)	265.1085(c)(4)(iv)	X			
owners/operators controlling air pollutant emissions from a tank using Tank Level 2 controls shall use one of the following:	154	265.1085(d)	265.1085(d)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
fixed-roof tank equipped with internal floating roof in accordance with 265.1085(e);	154	265.1085(d)(1)	265.1085 (1)(1)	X			
tank equipped with external floating roof in accordance with 265.1085(f);	154	265.1085(d)(2)	265.1085 (1)(2)	X			
tank vented through a closed-vent system to a control device in accordance with 265.1085(g);	154	265.1085(d)(3)	265.1085 (1)(3)	X			
pressure tank designed & operated in accordance with 265.1085(h); or	154	265.1085(d)(4)	265.1085 (1)(4)	X			
tank inside enclosure vented through a closed-vent system to an enclosed combustion control device in accordance with 265.1085(i)	154	265.1085(d)(5)	265.1085 (1)(5)	X			
owner/operator who controls emissions from a tank using a fixed-roof with internal floating roof shall meet requirements in 265.1085(e)(1)-(3)	154	265.1085(e)	265.1085 (e)	X			
tank shall be equipped with a fixed roof & internal floating roof in accordance with the following:	154	265.1085(e)(1)	265.1085 (e)(1)	X			
internal floating roof shall be designed to float on liquid surface except when supported by leg supports	154	265.1085(e)(1)(i)	265.1085 (e)(1)(i)	X			
	154	265.1085(e)(1)(ii)	265.1085 (e)(1)(ii)	X			
	154	265.1085(e)(1)(ii)(A)	265.1085 (e)(1)(ii)(A)	X			
	154	265.1085(e)(1)(ii)(B)	265.1085 (e)(1)(ii)(B)	X			
	154	265.1085(e)(1)(iii)	265.1085 (e)(1)(iii)	X			

the internal floating roof shall meet listed specifications

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
	154	265.1085(e)(1)(iii)(A)	265.1085(e)(1)(iii)(A)	X			
	154	265.1085(e)(1)(iii)(B)	265.1085(e)(1)(iii)(B)	X			
	154	265.1085(e)(1)(iii)(C)	265.1085(e)(1)(iii)(C)	X			
	154	265.1085(e)(1)(iii)(D)	265.1085(e)(1)(iii)(D)	X			
	154	265.1085(e)(1)(iii)(E)	265.1085(e)(1)(iii)(E)	X			
	154	265.1085(e)(1)(iii)(F)	265.1085(e)(1)(iii)(F)	X			
owner/operator shall operate the tank in accordance with the following:	154	265.1085(e)(2)	265.1085(e)(2)	X			
when floating roof is resting on leg supports, filling, emptying, or refilling shall be continuous & completed as soon as practical	154	265.1085(e)(2)(i)	265.1085(e)(2)(i)	X			
automatic bleeder vents to be closed at all times when roof is floating, except when roof is being floated off or landed on leg supports	154	265.1085(e)(2)(ii)	265.1085(e)(2)(ii)	X			
prior to filling tank, each opening in internal floating roof shall be closed; rim space vents open only when internal floating roof is not floating or when pressure exceeds manufacturer's recommended setting	154	265.1085(e)(2)(iii)	265.1085(e)(2)(iii)	X			
owner/operator shall inspect internal floating roof in accordance with the following:	154	265.1085(e)(3)	265.1085(e)(3)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
floating roof & its closure devices shall be visually inspected for defects which could result in air pollutant emissions; potential defects	154	265.1085(e)(3)(i)	265.1085 (e)(3)(i)	X			
owner/operator shall inspect internal floating roof components with visual inspections except as in 265.1085(e)(3)(iii)	154	265.1085(e)(3)(ii)	265.1085 (e)(3)(ii)	X			
	154	265.1085(e)(3)(ii)(A)	265.1085(e) (3)(ii)(A)	X			
	154	265.1085(e)(3)(ii)(B)	265.1085(e) (3)(ii)(B)	X			
as alternative to 265.1085(e)(3)(ii) inspections for internal floating roof equipped with two continuous seals, owner/operator may perform visual inspection each time tank is emptied & degassed & at least every 5 years	154	265.1085(e)(3)(iii)	265.1085 (e)(3)(iii)	X			
prior to 265.1085(e)(3)(ii) or (iii) inspections, owner/operator shall notify Regional Administrator in advance to allow for observer during inspection; notify of date & location of inspection	154	265.1085(e)(3)(iv)	265.1085 (e)(3)(iv)	X			
	154	265.1085(e)(3)(iv)(A)	265.1085 (e)(3)(iv)(A)	X			
	154	265.1085(e)(3)(iv)(B)	265.1085 (e)(3)(iv)(B)	X			
in event of defect, it shall be repaired in accordance with 265.1085(k)	154	265.1085(e)(3)(v)	265.1085 (e)(3)(v)	X			
owner/operator shall maintain inspection record in accordance with 265.1090(b)	154	265.1085(e)(3)(vi)	265.1085 (e)(3)(vi)	X			
owner/operator who controls emissions from tank using external floating roof shall meet requirements in 265.1085(f)(1)-(3)	154	265.1085(f)	265.1085 (f)	X			
owner/operator shall design external floating roof in accordance with the following:	154	265.1085(f)(1)	265.1085 (f)(1)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROAER IN SCOPE
external floating roof shall be designed to float on liquid surface except when supported by leg supports	154	265.1085(f)(1)(i)	265.1085 (4)(i)(i)	X			
floating roof shall be equipped with two continuous seals; lower seal is referred to as primary seal & upper seal as secondary seal	154	265.1085(f)(1)(ii)	265.1085 (4)(i)(ii)	X			
	154	265.1085(f)(1)(ii)(A)	265.1085 (F)(i)(ii)(A)	X			
	154	265.1085(f)(1)(ii)(B)	265.1085 (3)(i)(ii)(B)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
	154	265.1085(f)(1)(iii)	265.1085(f)(i)(iii)	X			
	154	265.1085(f)(1)(iii)(A)	265.1085(f)(i)(iii)(A)	X			
	154	265.1085(f)(1)(iii)(B)	265.1085(f)(i)(iii)(B)	X			
	154	265.1085(f)(1)(iii)(C)	265.1085(f)(i)(iii)(C)	X			
	154	265.1085(f)(1)(iii)(D)	265.1085(f)(i)(iii)(D)	X			
	154	265.1085(f)(1)(iii)(E)	265.1085(f)(i)(iii)(E)	X			
	154	265.1085(f)(1)(iii)(F)	265.1085(f)(i)(iii)(F)	X			
	154	265.1085(f)(1)(iii)(G)	265.1085(f)(i)(iii)(G)	X			
	154	265.1085(f)(1)(iii)(H)	265.1085(f)(i)(iii)(H)	X			
external floating roof shall meet certain specifications	154	265.1085(f)(1)(iii)(I)	265.1085(f)(i)(iii)(I)	X			
owner/operator shall operate the tank in accordance with the following:	154	265.1085(f)(2)	265.1085(f)(2)	X			
when floating roof is resting on leg supports, filling, emptying, or refilling shall be continuous & completed as soon as practical	154	265.1085(f)(2)(i)	265.1085(f)(2)(i)	X			
except for automatic bleeder vents, rim space vents, roof drains, & leg sleeves, each roof opening shall be secured & closed at all times except when closure device must be open for access	154	265.1085(f)(2)(ii)	265.1085(f)(2)(ii)	X			
covers on each access hatch & gauge float well shall be bolted or fastened when in closed position	154	265.1085(f)(2)(iii)	265.1085(f)(2)(iii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROA- IN' SCC
automatic bleeder vents to be closed at all times when roof is floating, except when roof is being floated off or landed on leg supports	154	265.1085(f)(2) (iv)	265.1085 (f)(2)(iv)	X			
rim space vents shall be open only at times that roof is being floated off leg supports or when pressure beneath rim seal exceeds manufacturer's recommended setting	154	265.1085(f)(2) (v)	265.1085 (f)(2)(v)	X			
cap on the end of unslotted guide poles shall be closed at all times except when measuring liquid level or collecting samples	154	265.1085(f)(2) (vi)	265.1085 (f)(2)(vi)	X			
cover on each gauge hatch or sample well shall be closed at all times except when hatch or well must be accessed	154	265.1085(f)(2) (vii)	265.1085 (f)(2)(vii)	X			
both primary & secondary seals shall completely cover annular space between external floating roof & tank wall in continuous fashion except during inspections	154	265.1085(f)(2) (viii)	265.1085 (f)(2)(viii)	X			
owner/operator shall inspect external floating roof in accordance with the following:	154	265.1085(f)(3)	265.1085 (f)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:				
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER SCOPE	
external floating roof shall meet certain specifications	154	265.1085(f)(3)(i)	265.1085 (F)(3)(i)	X				
	154	265.1085(f)(3)(i)(A)	265.1085 (F)(3)(i)(A)	X				
	154	265.1085(f)(3)(i)(B)	265.1085 (F)(3)(i)(B)	X				
	154	265.1085(f)(3)(i)(C)	265.1085 (F)(3)(i)(C)	X				
	154	265.1085(f)(3)(i)(D)	265.1085 (F)(3)(i)(D)	X				
	154	265.1085(f)(3)(i)(D)(1)	265.1085 (F)(3)(i)(D)(1)	X				
	154	265.1085(f)(3)(i)(D)(2)	265.1085 (F)(3)(i)(D)(2)	X				
	154	265.1085(f)(3)(i)(D)(3)	265.1085 (F)(3)(i)(D)(3)	X				
	154	265.1085(f)(3)(i)(D)(4)	265.1085 (F)(3)(i)(D)(4)	X				
	154	265.1085(f)(3)(i)(E)	265.1085 (F)(3)(i)(E)	X				
	154	265.1085(f)(3)(i)(F)	265.1085 (F)(3)(i)(F)	X				
	owner/operator shall visually inspect external floating roof in accordance with specified requirements	154	265.1085(f)(3)(ii)	265.1085 (F)(3)(ii)	X			
		154	265.1085(f)(3)(ii)(A)	265.1085 (F)(3)(ii)(A)	X			
		154	265.1085(f)(3)(ii)(B)	265.1085 (F)(3)(ii)(B)	X			
		154	265.1085(f)(3)(ii)(C)	265.1085 (F)(3)(ii)(C)	X			
154		265.1085(f)(3)(ii)(D)	265.1085 (F)(3)(ii)(D)	X				

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
prior to 265.1085(f)(3)(i) or (ii) inspections, owner/operator shall notify Regional Administrator in advance to allow for observer present during inspection; and notify of date & location of inspection	154	265.1085(f)(3)(iii)	265.1085(f)(3)(iii)	X			
	154	265.1085(f)(3)(iii)(A)	265.1085(f)(3)(iii)(A)	X			
	154	265.1085(f)(3)(iii)(B)	265.1085(f)(3)(iii)(B)	X			
	154	265.1085(f)(3)(iii)(C)	265.1085(f)(3)(iii)(C)	X			
owner/operator who controls air pollutant emissions from a tank by venting to a control device shall meet requirements in 265.1085(g)(1)-(3)	154	265.1085(g)	265.1085(g)	X			
tank shall be covered by fixed roof & vented directly to a control device in accordance with the following:	154	265.1085(g)(1)	265.1085(g)(1)	X			
fixed roof & its closure devices shall form a continuous barrier over liquid in tank	154	265.1085(g)(1)(i)	265.1085(g)(1)(i)	X			
each opening in fixed roof not vented to control device shall be equipped with a closure device; if pressure in vapor headspace is < atmospheric pressure; if pressure in vapor headspace is ≥ atmospheric pressure	154	265.1085(g)(1)(ii)	265.1085(g)(1)(ii)	X			
fixed roof & its closure devices shall be made of suitable materials that will minimize exposure to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	265.1085(g)(1)(iii)	265.1085(g)(1)(iii)	X			
closed-vent system & control device shall be designed & operated in accordance with 265.1088	154	265.1085(g)(1)(iv)	265.1085(g)(1)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
whenever hazardous waste is in the tank, fixed roof shall be installed with closure device secured in closed position except:	154	265.1085(g)(2)	265.1085(j)(2)	X			
venting to control device is not required, & opening of closure device or removal of fixed roof is allowed in specified circumstances	154	265.1085(g)(2)(i)	265.1085(j)(2)(i)	X			
	154	265.1085(g)(2)(i)(A)	265.1085(j)(2)(i)(A)	X			
	154	265.1085(g)(2)(i)(B)	265.1085(j)(2)(i)(B)	X			
opening of safety device, as defined in 265.1081, is allowed any time to avoid unsafe condition	154	265.1085(g)(2)(ii)	265.1085(j)(2)(ii)	X			
owner/operator shall inspect & monitor air emission control equipment as follows:	154	265.1085(g)(3)	265.1085(j)(3)	X			
fixed roof & its closure devices shall be visually inspected for defects: examples	154	265.1085(g)(3)(i)	265.1085(j)(3)(i)	X			
closed-vent system & control device shall be inspected & monitored in accordance with 265.1088	154	265.1085(g)(3)(ii)	265.1085(j)(3)(ii)	X			
perform initial inspection of air emission control equipment on or before the tank becomes subject to 265.1085; thereafter, at least once a year except under special conditions of 265.1085(l)	154	265.1085(g)(3)(iii)	265.1085(j)(3)(iii)	X			
in event of defect, it shall be repaired in accordance with 265.1085(k)	154	265.1085(g)(3)(iv)	265.1085(j)(3)(iv)	X			
owner/operator shall maintain inspection record in accordance with 265.1090(b)	154	265.1085(g)(3)(v)	265.1085(j)(3)(v)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator who controls air pollutant emissions by using a pressure tank shall meet the following:	154	265.1085(h)	265.1085(h)	X			
tank shall not be designed to vent to atmosphere as result of compression in vapor headspace during tank filling	154	265.1085(h)(1)	265.1085(h)(1)	X			
tank openings shall be equipped with closure devices that operate with no detectable organic emissions as in 265.1084(d)	154	265.1085(h)(2)	265.1085(h)(2)	X			
whenever hazardous waste is in the tank, it shall be operated as a closed system that does not vent to atmosphere except if safety device requires opening to avoid unsafe condition	154	265.1085(h)(3)	265.1085(h)(3)	X			
owner/operator who controls air pollutant emissions by using an enclosure vented through a closed-vent system to enclosed combustion control device shall meet requirements in 265.1085(i)(1)-(4)	154	265.1085(h)(3)(i)	265.1085(h)(3)(i)	X			
tank shall be inside an enclosure; enclosure shall be designed & operated in accordance with 52.741, appendix B; allowance for openings; owner/ operator shall perform verification procedure as in Section 5.0	154	265.1085(h)(3)(i)(1)	265.1085(h)(3)(i)(1)	X			
enclosure shall be vented through a closed-vent system to enclosed combustion control device designed & operated in accordance with standards specified in 265.1088	154	265.1085(h)(3)(i)(2)	265.1085(h)(3)(i)(2)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
safety devices, defined in 265.1081, may be installed & operated on any enclosure, closed-vent system, or control device used to comply with 265.1085(i)(1)-(2)	154	265.1085(h)(3)(i)(3)	265.1085(h)(3)(i)(3)	X			
owner/operator shall inspect & monitor the closed-vent system & control device as in 265.1088	154	265.1085(h)(3)(i)(4)	265.1085(h)(3)(i)(4)	X			
owner/operator shall transfer hazardous waste to tank subject to 265.1085 in accordance with the following:	154	265.1085(j)	265.1085(j)	X			
transfer of hazardous waste, except as in 265.1085(j)(2), to tank from another tank subject to 265.1085 or from surface impoundment subject to 265.1086 shall use continuous hard-piping or another closed system; individual drain system	154	265.1085(j)(1)	265.1085(j)(1)	X			
requirements of 265.1085(j)(1) do not apply when transferring hazardous waste to tank under following:	154	265.1085(j)(2)	265.1085(j)(2)	X			
hazardous waste meets average VO concentration conditions in 265.1083(c)(1) at point of waste origination	154	265.1085(j)(2)(i)	265.1085(j)(2)(i)	X			
hazardous waste has been treated by organic destruction or removal process to meet 265.1083(c)(2) requirements	154	265.1085(j)(2)(ii)	265.1085(j)(2)(ii)	X			
owner/operator shall repair each defect detected during inspections performed under 265.1085(c)(4), (c)(3), (f)(3), or (g)(3) as follows:	154	265.1085(k)	265.1085(k)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
owner/operator shall make first efforts at repair no later than 5 days after detection & repair shall be completed no later than 45 days after detection except as in 265.1085(k)(2)	154	265.1085(k)(1)	265.1085 (k)(1)	X			
repairs may be delayed beyond 45 days if repair would require emptying or temporary removal from service & no alternative tanks are available; owner/operator shall repair defect as soon as tank stops operation; repair shall be completed before resuming operation	154	265.1085(k)(2)	265.1085 (k)(2)	X			
after initial inspection & monitoring of cover pursuant to 265.1085, subsequent inspection & monitoring may be at intervals longer than 1 year under the following conditions:	154	265.1085(l)	265.1085 (l)	X			
if inspecting or monitoring exposes worker to dangerous, hazardous, or other unsafe conditions, owner/operator may designate cover as unsafe & comply with the following:	154	265.1085(l)(1)	265.1085 (l)(1)	X			
prepare written explanation	154	265.1085(l)(1) (i)	265.1085 (l)(1)(i)	X			
develop & implement written plan & schedule to inspect & monitor	154	265.1085(l)(1) (ii)	265.1085 (l)(1)(ii)	X			
when a tank is buried partially or entirely underground, owner/operator must inspect & monitor only portions of cover located on or above ground surface	154	265.1085(l)(2)	265.1085 (l)(2)	X			

27 STANDARDS: SURFACE IMPOUNDMENTS

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
provisions of 265.1086 apply to control of air pollutant emissions from surface impoundments for which 265.1083(b) references this section	154	265.1086(a)	265.1086 (a)	X			
owner/operator shall control air pollutant emissions from surface impoundment by installing & operating either:	154	265.1086(b)	265.1086 (b)	X			
floating membrane cover in accordance with 265.1086(c): or	154	265.1086(b)(1)	265.1086 (b)(1)	X			
cover vented through a closed-vent system to a control device in accordance with 265.1086(d)	154	265.1086(b)(2)	265.1086 (b)(2)	X			
owner/operator who controls emissions from surface impoundment using a floating membrane cover shall meet requirements in 265.1086(c)(1)-(3)	154	265.1086(c)	265.1086 (c)	X			
surface impoundment shall be equipped with a floating membrane cover designed to meet the following:	154	265.1086(c)(1)	265.1086 (c)(1)	X			
designed to float on liquid surface during normal operations & form a continuous barrier	154	265.1086(c)(1)(i)	265.1086 (c)(1)(i)	X			
	154	265.1086(c)(1)(ii)	265.1086 (c)(1)(ii)	X			
	154	265.1086(c)(1)(ii)(A)	265.1086 (c)(1)(ii)(A)	X			
cover shall be fabricated from synthetic membrane material with certain specifications	154	265.1086(c)(1)(ii)(B)	265.1086 (c)(1)(ii)(B)	X			
installed without visible cracks, holes, gaps, or open spaces between cover edges or foundation mountings	154	265.1086(c)(1)(iii)	265.1086 (c)(1)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
except as in 265.1086(c)(1)(v), openings in floating membrane cover shall be equipped with a closure device that does not allow for open spaces in closure device or between the opening & device	154	265.1086(c)(1)(iv)	265.1086(c)(1)(iv)	X			
floating membrane cover may be equipped with emergency cover drains; drains shall be equipped with a slotted membrane fabric cover or flexible fabric sleeve seal	154	265.1086(c)(v)	265.1086(c)(1)(v)	X			
closure devices shall consist of materials to minimize exposure of hazardous waste to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	265.1086(c)(1)(vi)	265.1086(c)(1)(vi)	X			
whenever hazardous waste is in surface impoundment, floating membrane cover shall float on the liquid & each closure device in closed position except:	154	265.1086(c)(2)	265.1086(c)(2)	X			
opening of closure devices or removal of cover is allowed to provide access to surface impoundment or to remove accumulated sludge	154	265.1086(c)(2)(i)	265.1086(c)(2)(i)	X			
	154	265.1086(c)(2)(i)(A)	265.1086(c)(2)(i)(A)	X			
	154	265.1086(c)(2)(i)(B)	265.1086(c)(2)(i)(B)	X			
opening of safety device is allowed to avoid unsafe condition	154	265.1086(c)(2)(ii)	265.1086(c)(2)(ii)	X			
owner/operator shall inspect floating membrane cover as follows:	154	265.1086(c)(3)	265.1086(c)(3)	X			
floating membrane cover & its closure devices shall be visually inspected for defects; examples	154	265.1086(c)(3)(i)	265.1086(c)(3)(i)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
perform initial inspection of floating membrane cover & closure devices on or before surface impoundment becomes subject to 265.1086; then at least once a year except under 265.1086(g)	154	265.1086(c)(3)(ii)	265.1086(c)(3)(ii)	X			
in event of defect, it shall be repaired in accordance with 265.1086(f)	154	265.1086(c)(3)(iii)	265.1086(c)(3)(iii)	X			
owner/operator shall maintain inspection record in accordance with 265.1090(c)	154	265.1086(c)(3)(iv)	265.1086(c)(3)(iv)	X			
owner/operator who controls air pollutant emissions from surface impoundment using cover vented to a control device shall meet requirements in 265.1086(d)(1)-(3)	154	265.1086(d)	265.1086(d)	X			
surface impoundment covered & vented directly to a control device in accordance with the following:	154	265.1086(d)(1)	265.1086(d)(1)	X			
cover & closure devices shall form a continuous barrier over liquid in surface impoundment	154	265.1086(d)(1)(i)	265.1086(d)(1)(i)	X			
opening in cover not vented to control device equipped with closure device; if pressure in vapor headspace is < atmospheric pressure; if pressure in vapor headspace is ≥ atmospheric pressure	154	265.1086(d)(1)(ii)	265.1086(d)(1)(ii)	X			
cover & closure devices shall be made of suitable materials to minimize exposure to atmosphere & maintain integrity throughout service life; factors to consider when selecting materials	154	265.1086(d)(1)(iii)	265.1086(d)(1)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADL Y IN SCOPE
closed-vent system & control device shall be designed & operated in accordance with 265.1088	154	265.1086(d)(1)(iv)	265.1086 (d)(1)(iv)	X			
whenever hazardous waste is in surface impoundment, the cover shall be installed with closure device in closed position except:	154	265.1086(d)(2)	265.1086 (1)(2)	X			
venting to control device is not required, & opening of closure device or removal of cover is allowed in specified circumstances	154	265.1086(d)(2)(i)	265.1086 (1)(2)(i)	X			
	154	265.1086(d)(2)(i)(A)	265.1086 (1)(2)(i)(A)	X			
	154	265.1086(d)(2)(i)(B)	265.1086 (1)(2)(i)(B)	X			
opening of safety device, as in 265.1081, allowed to avoid unsafe condition	154	265.1086(d)(2)(ii)	265.1086 (1)(2)(ii)	X			
owner/operator shall inspect & monitor air emission control equipment as follows:	154	265.1086(d)(3)	265.1086 (d)(3)	X			
surface impoundment cover & closure devices shall be visually inspected for defects: examples	154	265.1086(d)(3)(i)	265.1086 (d)(3)(i)	X			
closed-vent system & control device shall be inspected & monitored in accordance with 265.1088	154	265.1086(d)(3)(ii)	265.1086 (d)(3)(ii)	X			
initial inspection of air emission control equipment on or before surface impoundment becomes subject to 265.1086; then at least once a year except under 265.1086(g)	154	265.1086(d)(3)(iii)	265.1086 (d)(3)(iii)	X			
in event of defect, it shall be repaired in accordance with 265.1086(f)	154	265.1086(d)(3)(iv)	265.1086 (1)(3)(iv)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall maintain inspection record in accordance with 265.1090(c)	154	265.1086(d)(3)(v)	265.1086 (d)(3)(v)	X			
owner/operator shall transfer hazardous waste to surface impoundment subject to 265.1086 in accordance with:	154	265.1086(e)	265.1086 (e)	X			
transfer of hazardous waste, except as in 265.1086(e)(2), to surface impoundment from another surface impoundment subject to 265.1086 or from tank subject to 265.1085 shall use continuous hard-piping or another closed system; what constitutes individual drain system	154	265.1086(e)(1)	265.1086 (e)(1)	X			
requirements of 265.1086(e)(1) do not apply when transferring hazardous waste to surface impoundment under the following:	154	265.1086(e)(2)	265.1086 (e)(2)	X			
hazardous waste meets average VO concentration conditions in 265.1083(c)(1) at point of waste origination	154	265.1086(e)(2)(i)	265.1086 (e)(2)(i)	X			
hazardous waste has been treated by organic destruction or removal process to meet 265.1083(c)(2) requirements	154	265.1086(e)(2)(ii)	265.1086 (e)(2)(ii)	X			
owner/operator shall repair each defect detected during inspections performed in accordance with 265.1086(c)(3) or (d)(3) as follows:	154	265.1086(f)	265.1086 (f)	X			
owner/operator shall make first efforts at repair no later than 5 days after detection; repair shall be completed no later than 45 days after detection except as in 265.1086(f)(2)	154	265.1086(f)(1)	265.1086 (f)(1)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROAD- IN SCOPE
conditions under which repairs may be delayed beyond 45 days; owner/operator shall repair defect as soon as process generating hazardous waste in surface impoundment stops operation; repair completed before resuming operation	154	265.1086(f)(2)	265.1086 (f)(2)	X			
following initial inspection & monitoring of the cover as required by Subpart CC, inspection & monitoring at intervals longer than 1 year under the following conditions:	154	265.1086(g)	265.1086 (g)	X			
written explanation stating why cover is unsafe, if required	154	265.1086(g)(1)	265.1086 (g)(1)	X			
develop & implement written plan & schedule to inspect & monitor cover	154	265.1086(g)(2)	265.1086 (g)(2)	X			

27 STANDARDS: CONTAINERS

provisions of 265.1087 apply to control of air pollutant emissions from containers for which 265.1083(b) references this section	154	265.1087(a)	265.1087 (a)	X			
general requirements	154	265.1087(b)	265.1087 (b)	X			
owner/operator shall control air pollutant emissions from each container subject to 265.1087 in accordance with the following:	154	265.1087(b)(1)	265.1087 (b)(1)	X			
for containers having design capacities > 0.1 m ³ & ≤ 0.46 m ³ , owner/operator shall control air pollutant emissions in accordance with Container Level 1 standards in 265.1087(c)	154	265.1087(b)(1) (i)	265.1087 (b)(1)(i)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
for containers having design capacities > 0.46 m ³ not in light material service, owner/operator shall control air pollutant emissions in accordance with Container Level 1 standards in 265.1087(c)	154	265.1087(b)(1)(ii)	265.1087 (b)(1)(ii)	X			
for containers having design capacities > 0.46 m ³ that are in light material service, owner/operator shall control air pollutant emissions in accordance with Container Level 2 standards in 265.1087(d)	154	265.1087(b)(1)(iii)	265.1087 (b)(1)(iii)	X			
when containers with design capacities > 0.1 m ³ are used for treatment of hazardous waste by waste stabilization process, owner/operator shall control air pollutant emissions in accordance with Container Level 3 standards in 265.1087(e)	154	265.1087(b)(2)	265.1087 (b)(2)	X			
Container Level 1 standards	154	265.1087(c)	265.1087 (c)	X			
using Container Level 1 controls is one of following:	154	265.1087(c)(1)	265.1087 (c)(1)	X			
meets applicable U.S. DOT regulations on packaging for transportation as in 265.1087(f)	154	265.1087(c)(1)(i)	265.1087 (c)(1)(i)	X			
equipped with cover & closure devices that form a continuous barrier over openings such that no open spaces into interior of container are visible	154	265.1087(c)(1)(ii)	265.1087 (c)(1)(ii)	X			
open-top container in which organic-vapor suppressing barrier is used such that no hazardous waste is exposed: example	154	265.1087(c)(1)(iii)	265.1087 (c)(1)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
container used to meet requirements of 265.1087(c)(1)(ii) or (c)(1)(iii) shall be equipped with covers & closure devices composed of materials to minimize exposure of hazardous waste to the atmosphere & to maintain equipment integrity; factors to consider in selecting materials	154	265.1087(c)(2)	265.1087 (c)(2)	X			
when using Container Level 1 controls, owner/operator shall install covers & closure devices and secure & maintain them in closed position except:	154	265.1087(c)(3)	265.1087 (c)(3)	X			
opening of closure device or cover is allowed to add hazardous waste or other material as specified	154	265.1087(c)(3)(i)	265.1087 (c)(3)(i)	X			
	154	265.1087(c)(3)(i)(A)	265.1087 (c)(3)(i)(A)	X			
	154	265.1087(c)(3)(i)(B)	265.1087 (c)(3)(i)(B)	X			
opening of closure device or cover is allowed to remove hazardous waste as specified	154	265.1087(c)(3)(ii)	265.1087 (c)(3)(ii)	X			
	154	265.1087(c)(3)(ii)(A)	265.1087 (c)(3)(ii)(A)	X			
	154	265.1087(c)(3)(ii)(B)	265.1087 (c)(3)(ii)(B)	X			
opening of closure device or cover is allowed when access is needed to perform routine activities other than transfer hazardous waste; examples; after activity, promptly secure closure device or reinstall cover	154	265.1087(c)(3)(iii)	265.1087 (c)(3)(iii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
opening of pressure relief devices allowed during normal operations to maintain internal pressure in accordance with container design; device shall operate with no detectable organic emissions when closed; settings at which device opens shall allow device to remain in closed position when internal pressure is within operating range: examples	154	265.1087(c)(3) (iv)	265.1087 (c)(3)(iv)	X			
opening of safety device, as defined in 265.1081, is allowed any time conditions require it to avoid unsafe condition	154	265.1087(c)(3) (v)	265.1087 (c)(3)(v)	X			
inspect containers & their covers & closure devices as follows:	154	265.1087(c)(4)	265.1087 (c)(4)	X			
if hazardous waste is present in container when owner/operator first accepts possession & container is not emptied within 24 hours, it shall be visually inspected; if defect is detected, owner/operator shall repair in accordance with 265.1087(c)(4) (iii)	154	265.1087(c)(4) (i)	265.1087 (c)(4)(i)	X			
if container remains at the facility for 1 year or more, owner/operator shall inspect it & its cover & closure devices initially & thereafter, at least every 12 months; if defect is detected, owner/operator shall repair in accordance with 265.1087(c)(4)(iii)	154	265.1087(c)(4) (ii)	265.1087 (c)(4)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADEN SCOPE
when defect is detected, owner/operator shall make repair no later than 24 hours after detection & complete no later than 5 days after detection; if repair cannot be completed within 5 days, hazardous waste shall be removed, & container not used until repaired	154	265.1087(c)(4)(iii)	265.1087(c)(4)(iii)	X			
owner/operator shall maintain a copy of the procedure used to determine that containers with 0.46 m ³ or greater capacity are not managing hazardous waste in light material service	154	265.1087(c)(5)	265.1087(c)(5)	X			
Container Level 2 standards	154	265.1087(d)	265.1087(d)	X			
container using Container Level 2 controls is one of following:	154	265.1087(d)(1)	265.1087(d)(1)	X			
meets applicable U.S. DOT regulations on packaging for transportation as in 265.1087(f)	154	265.1087(d)(1)(i)	265.1087(d)(1)(i)	X			
container that operates with no detectable organic emissions in accordance 265.1087(g)	154	265.1087(d)(1)(ii)	265.1087(d)(1)(ii)	X			
container that has been demonstrated to be vapor-tight by using part 60, appendix A, Method 27 in accordance with 265.1087(h)	154	265.1087(d)(1)(iii)	265.1087(d)(1)(iii)	X			
transfer of hazardous waste shall minimize exposure to atmosphere, to extent practical; examples that meet 265.1087(d)(2)	154	265.1087(d)(2)	265.1087(d)(2)	X			
owner/operator shall install covers & closure devices and secure & maintain them in closed position except:	154	265.1087(d)(3)	265.1087(d)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
opening of closure device or cover is allowed to add hazardous waste or other material as follows	154	265.1087(d)(3)(i)	265.1087 (1)(3)	X			
	154	265.1087(d)(3)(i)(A)	265.1087 (1)(3)(i)(A)	X			
	154	265.1087(d)(3)(i)(B)	265.1087 (1)(3)(i)(B)	X			
opening of closure device or cover is allowed to remove hazardous waste as follows	154	265.1087(d)(3)(ii)	265.1087 (1)(3)(ii)	X			
	154	265.1087(d)(3)(ii)(A)	265.1087 (1)(3)(ii)(A)	X			
	154	265.1087(d)(3)(ii)(B)	265.1087 (1)(3)(ii)(B)	X			
opening of closure device or cover allowed when access needed to perform routine activities other than transfer; examples; after activity, promptly secure closure device or reinstall cover	154	265.1087(d)(3)(iii)	265.1087 (1)(3)(iii)	X			
opening of pressure relief devices allowed during normal operations to maintain internal pressure in accordance with container design; device shall operate with no detectable organic emissions when in closed position; settings at which device opens shall allow device to remain in closed position when internal pressure is within operating range; examples	154	265.1087(d)(3)(iv)	265.1087 (1)(3)(iv)	X			
opening of safety device, as defined in 265.1081, is allowed any time conditions require it to avoid unsafe condition	154	265.1087(d)(3)(v)	265.1087 (1)(3)(v)	X			
owner/operator shall inspect containers & their covers & closure devices as follows:	154	265.1087(d)(4)	265.1087 (1)(4)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if hazardous waste is present in container when owner/operator first accepts possession & container is not emptied within 24 hours, it shall be visually inspected; if defect detected, owner/operator shall repair in accordance with 265.1087(d)(4)(iii)	154	265.1087(d)(4)(i)	265.1087 (d)(4)(i)	X			
if container remains at the facility for a year or more, owner/operator shall inspect it & its cover & closure devices initially & thereafter, at least every 12 months to check for open spaces into its interior; if defect is detected, owner/operator shall repair in accordance with 265.1087(d)(4)(iii)	154	265.1087(d)(4)(ii)	265.1087 (d)(4)(ii)	X			
when defect is detected, owner/operator shall make efforts at repair no later than 24 hours after detections & complete it as soon as possible but no later than 5 days after detection; if repair cannot be completed within 5 days, hazardous waste shall be removed, & container shall not be used until repaired	154	265.1087(d)(4)(iii)	265.1087 (d)(4)(iii)	X			
Container Level 3 standards	154	265.1087(e)	265.1087(e)	X			
container using Container Level 3 controls is one of following:	154	265.1087(e)(1)	265.1087 (e)(1)	X			
container that is vented through a closed-vent system to a control device in accordance with 265.1087(e)(2)(ii)	154	265.1087(e)(1)(i)	265.1087 (e)(1)(i)	X			
container that is vented inside an enclosure which is exhausted through closed-vent system to a control device in accordance with 265.1087(e)(2)(i)-(ii)	154	265.1087(e)(1)(ii)	265.1087 (e)(1)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall meet the following, as applicable:	154	265.1087(e)(2)	265.1087 (e)(2)	X			
container enclosure shall be designed & operated in accordance with 52.741, appendix B; allowance for openings; verification procedure as in § 5.0	154	265.1087(e)(2)(i)	265.1087 (e)(2)(i)	X			
closed-vent system & control device shall be designed & operated in accordance with 265.1088	154	265.1087(e)(2)(ii)	265.1087 (e)(2)(ii)	X			
safety devices, in 265.1081, may be installed & operated on any container, enclosure, closed-vent system, or control device used to comply with 265.1087 (e)(1)	154	265.1087(e)(3)	265.1087 (e)(3)	X			
owner/operator shall inspect & monitor closed-vent system & control devices as in 265.1088	154	265.1087(e)(4)	265.1087 (e)(4)	X			
owners/operators shall prepare & maintain records specified in 265.1090(d)	154	265.1087(e)(5)	265.1087 (e)(5)	X			
for purpose of 265.1087(c)(1)(i) or (d)(1)(i) compliance, containers shall meet applicable U.S. DOT regulations on packaging for transportation as follows:	154	265.1087(f)	265.1087 (f)	X			
meets applicable requirements in 49 CFR part 178 or 49 CFR part 179	154	265.1087(f)(1)	265.1087 (f)(1)	X			
hazardous waste managed in container in accordance with 49 CFR part 107, subpart B; 49 CFR part 172; 49 CFR part 173; & 49 CFR part 180	154	265.1087(f)(2)	265.1087 (f)(2)	X			
no exceptions to the 49 CFR part 178 or 179 regulations are allowed except as in 265.1087(f)(4)	154	265.1087(f)(3)	265.1087 (f)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
for lab pack managed in accordance with 49 CFR part 178, owner/ operator may comply with exceptions for combination packagings specified in 49 CFR 173.12(b)	154	265.1087(f)(4)	265.1087 (f)(4)	X			
owner/operator shall use procedure in 265.1084(d) for determining container operates with no detectable organic emissions under 265.1087(d)(1) (ii)	154	265.1087(g)	265.1087 (g)	X			
each potential leak interface on container, its cover, & closure devices shall be checked; examples	154	265.1087(g)(1)	265.1087 (g)(1)	X			
test performed when container is filled with material expected to be managed in this container; during test, container cover & closure devices shall be closed	154	265.1087(g)(2)	265.1087 (g)(2)	X			
procedure for determining container to be vapor-tight using Method 27 of part 60, appendix A to comply with 265.1087(d)(1) (iii)	154	265.1087(h)	265.1087(h)	X			
test performed in accordance with Method 27 of part 60, appendix A	154	265.1087(h)(1)	265.1087 (h)(1)	X			
pressure measurement device shall be used with precision of ±2.5mm water & capable of measuring above that used for vapor pressure tightness	154	265.1087(h)(2)	265.1087 (h)(2)	X			
if test results indicate container sustains pressure charge ≤ 750 Pascals, then it's determined to be vapor-tight	154	265.1087(h)(3)	265.1087 (h)(3)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	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							
265.1088 applies to each closed-vent system & control device installed & operated to control air emissions	154.1	265.1088(a)	265.1088 (a)	X			
closed-vent system shall meet following requirements:	154.1	265.1088(b)	265.1088 (b)	X			
route gases, vapors, & fumes to control device that meets requirements in 265.1088(c)	154.1	265.1088(b)(1)	265.1088 (b)(1)	X			
designed & operated in accordance with 265.1033(j)	154.1	265.1088(b)(2)	265.1033 (b)(2)	X			
28 if system includes bypass devices, each device shall be equipped with a flow indicator or seal or locking device; for purposes of 265.1088(b)(3)(i) or (ii), other fittings are not bypass devices	154	265.1088(b)(3)	265.1088 (b)(3)	X			
if flow indicator is used to comply with 265.1088(b)(3), it shall be installed at inlet to the bypass line; flow indicator is a device which indicates gas or vapor flow	154	265.1088(b)(3)(i)	265.1088 (b)(3)(i)	X			
if seal or locking device is used to comply with 265.1088(b)(3), it shall be placed such that bypass device cannot be opened without breaking the seal or removing the lock; examples; inspect seal or closure mechanism at least once a month	154	265.1088(b)(3)(ii)	265.1088 (b)(3)(ii)	X			
closed-vent system shall be inspected & monitored by owner/operator in accordance with 265.1033(k)	154	265.1088(b)(4)	265.1088 (b)(4)	X			
control device shall meet the following requirements:	154.1	265.1088(c)	265.1088 (c)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
control device shall be one of following devices:	154.1	265.1088(c)(1)	265.1088(c)(1)	X			
control device designed & operated to reduce by at least 95% total organic content of inlet vapor stream	154.1	265.1088(c)(1)(i)	265.1088(c)(1)(i)	X			
enclosed combustion device designed & operated in accordance with 265.1033(c)	154.1	265.1088(c)(1)(ii)	265.1088(c)(1)(ii)	X			
flare designed & operated in accordance with 265.1033(d)	154.1	265.1088(c)(1)(iii)	265.1088(c)(1)(iii)	X			
28 owner/operator who use closed-vent system & control device to comply with 265.1088 shall comply with 265.1088(c)(2)(i)-(c)(2)(vi)	154	265.1088(c)(2)	265.1088(c)(2)	X			
periods of planned routine maintenance of the control device, during which 265.1088(c)(1)(i)-(iii) are not met, shall not exceed 240 hours/year	154	265.1088(c)(2)(i)	265.1088(c)(2)(i)	X			
requirements in 265.1088(c)(1)(i)-(iii) do not apply during planned routine maintenance	154	265.1088(c)(2)(ii)	265.1088(c)(2)(ii)	X			
requirements in 265.1088(c)(1)(i)-(iii) do not apply during control device system malfunction	154	265.1088(c)(2)(iii)	265.1088(c)(2)(iii)	X			
owner/operator shall demonstrate compliance with 265.1088(c)(2)(i) by recording information in 265.1090(c)(1)(v)	154	265.1088(c)(2)(iv)	265.1088(c)(2)(iv)	X			
owner/operator shall correct control device system malfunctions as soon as practicable to minimize excess air pollutant emissions	154	265.1088(c)(2)(v)	265.1088(c)(2)(v)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator shall operate closed-vent system such that gases, vapors, or fumes are not vented to control device during maintenance or malfunction except when it is necessary	154	265.1088(c)(2)(vi)	265.1088(c)(2)(vi)	X			
owner/operator using carbon adsorption system shall operate & maintain control device in accordance with following requirements:	154.1	265.1088(c)(3)	265.1088(c)(3)	✓			
following initial startup, all activated carbon shall be replaced with fresh carbon regularly in accordance with 265.1033(g) or (h)	154.1	265.1088(c)(3)(i)	265.1088(c)(3)(i)	✓			
29 carbon removed from control device shall be managed in accordance with 265.1033(m)	154.1 154.5 154	265.1088(c)(3)(ii)	265.1088(c)(3)(ii)	X			
owner/operator using control device other than a thermal vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system shall operate & maintain in accordance with 265.1033(i)	154.1	265.1088(c)(4)	265.1088(c)(4)	X			
demonstrate that control device achieves performance requirements of 265.1088(c)(1) as follows:	154.1	265.1088(c)(5)	265.1088(c)(5)	✓			
demonstration using performance test as in 265.1088(c)(5)(iii) or design analysis as in 265.1088(c)(5)(iv) for each control device except for following:	154.1	265.1088(c)(5)(i)	265.1088(c)(5)(i)	X			
a flare	154.1	265.1088(c)(5)(i)(A)	265.1088(c)(5)(i)(A)	X			
boiler or process heater with design input capacity of 44 megawatts or greater	154.1	265.1088(c)(5)(i)(B)	265.1088(c)(5)(i)(B)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 15
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			BR. IN SCOPE
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	
boiler or process heater into which vent system is introduced with the primary fuel	154.1	265.1088(c)(5)(i)(C)	265.1088(c)(5)(i)(C)	X			
boiler or industrial furnace burning hazardous waste for which owner/operator has been issued a final permit & has designed & operates unit in accordance with 266, Subpart H; or	154.1 154	265.1088(c)(5)(i)(D)	265.1088(c)(5)(i)(D)	X			
boiler or industrial furnace burning hazardous waste for which owner/operator designed & operates in accordance with interim status requirements of 266, Subpart H	154.1 154	265.1088(c)(5)(i)(E)	265.1088(c)(5)(i)(E)	X			
owner/operator shall demonstrate performance of each flare in accordance with 265.1033(e)	154.1	265.1088(c)(5)(ii)	265.1088(c)(5)(ii)	X			
for a performance test, owner/operator shall use test methods & procedures in 265.1034(c)(1)-(4)	154.1	265.1088(c)(5)(iii)	265.1088(c)(5)(iii)	X			
design analysis shall meet requirements specified in 265.1035(b)(4)(iii)	154.1	265.1088(c)(5)(iv)	265.1088(c)(5)(iv)	X			
owner/operator shall demonstrate that a carbon adsorption system achieves 265.1088(c)(1) performance requirements	154.1	265.1088(c)(5)(v)	265.1088(c)(5)(v)	X			
if owner/operator & Regional Administrator do not agree on a demonstration of control device performance using design analysis, then disagreement shall be resolved using performance test in accordance with 265.1088(c)(5)(iii); Regional Administrator may choose authorized representative to observe the test	154.1	265.1088(c)(6)	265.1088(c)(6)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
control device shall be inspected & monitored by owner/operator in accordance with 265.1033(f)(2) & 265.1033(k); readings from each monitoring device inspected at least once each day; any necessary corrective measures immediately implemented	154	265.1088(c)(7)	265.1088(c)(7)	X			

27 INSPECTION AND MONITORING REQUIREMENTS

owner/operator shall inspect & monitor air emission control equipment in accordance with 265.1085-1088	154	265.1089(a)	265.1089(a)	X			
owner/operator shall develop & implement a written plan & schedule to perform inspections & monitoring required by 265.1089(a); incorporate plan into facility inspection plan under 265.15	154	265.1089(b)	265.1089(b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BRO- IN SCC
RECORDKEEPING REQUIREMENTS							
30 owners/operator subject to 265, Subpart CC shall record & maintain information specified in 265.1090(b)-(i); with exception, records shall be maintained for at least 3 years; documentation maintained until air emission control equipment is replaced; information required by 265.1090(i) shall be maintained as long as the tank or container is not using air emission controls in 264.1084-264.1087	154	265.1090(a)	265.1090 (a)	X			
30 owner/operator of a tank using air emission controls in accordance with 265.1085 shall prepare & maintain records that include:	154	265.1090(b)	265.1090 (b)	X			
for tank using air emission controls in accordance with 264.1085, owner/ operator shall record:	154	265.1090(b)(1)	265.1090 (b)(1)	X			
tank ID number	154	265.1090(b)(1) (i)	265.1090 (b)(1)(i)	X			
record for each inspection required by 265.1085, that includes the inspection date & other information for defects detected	154	265.1090(b)(1) (ii)	265.1090 (b)(1)(ii)	X			
	154	265.1090(b)(1) (ii)(A)	265.1090 (b)(1)(ii)(A)	X			
	154	265.1090(b)(1) (ii)(B)	265.1090 (b)(1)(ii)(B)	X			
owner/operator shall record the following information, as applicable to the tank:	154	265.1090(b)(2)	265.1090 (b)(2)	X			
owner/operator using a fixed roof shall prepare & maintain records for each maximum organic vapor pressure determination in accordance with 265.1085(c); date & time of sample collection, analysis method, & results	154	265.1090(b)(2) (i)	265.1090 (b)(2)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
owner/operator using internal floating roof shall prepare & maintain documentation describing design	154	265.1090(b)(2)(ii)	265.1090(b)(2)(ii)	X			
owners/operators using external floating roof shall prepare & maintain documentation & records for specified items	154	265.1090(b)(2)(iii)	265.1090(b)(2)(iii)	X			
	154	265.1090(b)(2)(iii)(A)	265.1090(b)(2)(iii)(A)	X			
	154	265.1090(b)(2)(iii)(B)	265.1090(b)(2)(iii)(B)	X			
	154	265.1090(b)(2)(iv)	265.1090(b)(2)(iv)	X			
each owner/operator using an enclosure shall prepare & maintain specified records	154	265.1090(b)(2)(iv)(A)	265.1090(b)(2)(iv)(A)	X			
	154	265.1090(b)(2)(iv)(B)	265.1090(b)(2)(iv)(B)	X			
30 owner/operator of surface impoundment using air emission controls in accordance with 265.1086 shall prepare & maintain records that include:	154	265.1090(c)	265.1090(c)	X			
surface impoundment ID number	154	265.1090(c)(1)	265.1090(c)(1)	X			
documentation describing floating membrane cover that includes description of cover design, & certification that cover meets specifications in 265.1086(c)	154	265.1090(c)(2)	265.1090(c)(2)	X			
record for each inspection required by 265.1086 that includes:	154	265.1090(c)(3)	265.1090(c)(3)	X			
date inspection was conducted	154	265.1090(c)(3)(i)	265.1090(c)(3)(i)	X			
for each defect detected during inspection: location, description, date & corrective action; if repair is delayed, owner/operator shall record reason & date of expected repair	154	265.1090(c)(3)(ii)	265.1090(c)(3)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
for surface impoundment equipped with cover & vented through a closed-vent system to a control device, owner/operator shall prepare & maintain records specified in 265.1090(e)	154	265.1090(c)(4)	265.1090 (c)(4)	X			
30 owner/operator of containers using Container Level 3 air emission controls in accordance with 265.1087 shall prepare & maintain records that include following:	154	265.1090(d)	265.1090 (d)	X			
records for most recent calculations & measurements to verify enclosure meets criteria of permanent total enclosure as in "Procedure T", 40 CFR 52.741, appendix B	154	265.1090(d)(1)	265.1090 (d)(1)	X			
records required for closed-vent system & control device in accordance with 265.1090(e)	154	265.1090(d)(2)	265.1090 (d)(2)	X			
30 owner/operator using closed-vent system & control device in accordance with 265.1088 shall prepare & maintain records that include:	154	265.1090(e)	265.1090 (e)	X			
documentation that includes:	154	265.1090(e)(1)	265.1090 (e)(1)	X			
certification signed & dated by owner/ operator stating control device is designed to operate at performance level when unit operating at capacity	154	265.1090(e)(1) (i)	265.1090 (e)(1)(i)	X			
specified design documentation if design analysis is used; include description of control device design in accordance with 265.1035(b)(4)(iii) & certification by owner/operator that control equipment meets applicable specifications	154	265.1090(e)(1) (ii)	265.1090 (e)(1)(ii)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
performance test plan & all test results, if performance tests are used	154	265.1090(e)(1)(iii)	265.1090(e)(1)(iii)	X			
information as required by 265.1035(c)(1)-(2)	154	265.1090(e)(1)(iv)	265.1090(e)(1)(iv)	X			
owner/operator shall record on semiannual basis, information specified in 265.1090(e)(1)(v)(A)-(B) for planned routine maintenance operations requiring control devices to meet 265.1088(c)(1)(i)-(iii) requirements	154	265.1090(e)(1)(v)	265.1090(e)(1)(v)	^			
	154	265.1090(e)(1)(v)(A)	265.1090(e)(1)(v)(A)	X			
	154	265.1090(e)(1)(v)(B)	265.1090(e)(1)(v)(B)	X			
owner/operator shall record information specified in 265.1090(e)(1)(vi)(A)-(C) for unexpected control device system malfunctions	154	265.1090(e)(1)(vi)	265.1090(e)(1)(vi)	X			
	154	265.1090(e)(1)(vi)(A)	265.1090(e)(1)(vi)(A)	X			
	154	265.1090(e)(1)(vi)(B)	265.1090(e)(1)(vi)(B)	X			
	154	265.1090(e)(1)(vi)(C)	265.1090(e)(1)(vi)(C)	X			
management records of carbon removed from carbon adsorption system conducted in accordance with 265.1088(c)(3)(ii)	154	265.1090(e)(1)(vii)	265.1090(e)(1)(vii)	X			
30 owner/operator of a tank, surface impoundment, or container exempted from standards in accordance with 265.1083(c) shall prepare & maintain the following records:	154	265.1090(f)	265.1090(f)	X			
if exempted under 265.1083(c)(1)-(2), owner/operator shall record information used for each waste determination in operating log; if waste sample results are used for determination, date, time, & location shall be recorded in accordance with 265.1084	154	265.1090(f)(1)	265.1090(f)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if exempted under 265.1083(c)(2) (vii) or (viii), owner/operator shall record ID number for incinerator, boiler, or industrial furnace in which hazardous waste is treated	154	265.1090(f)(2)	265.1090 (f)(2)	X			
30 owner/operator designating a cover as "unsafe to inspect & monitor" shall record in facility log: ID numbers, explanations, & inspection plans & schedules	154	265.1090(g)	265.1090 (g)	X			
owners/operators subject to 265, Subpart CC & to control device standards in 40 CFR Part 60, Subpart VV or 40 CFR 61, Subpart V may demonstrate compliance by documentation pursuant to those subparts to extent it duplicates that required by 265.1090	154.1 154	265.1090(h)	265.1090 (h)	X			
31 in accordance with 265.1080(d), for tank or container not using air emissions controls specified in 265.1085-1088, owner/operator shall record & maintain the following:	154.3 154	265.1090(i)	265.1090 (i)	X			
31 list of organic peroxide compounds manufactured at the facility that meet conditions in 265.1080(d)(1)	154.3 154	265.1090(i)(1)	265.1090 (i)(1)	X			
31 description of how hazardous waste containing organic peroxide compounds identified in 265.1090(i)(1) are managed; description shall include:	154.3 154	265.1090(i)(2)	265.1090 (i)(2)	X			
for tanks, sufficient information provided to describe: facility tank ID number, purpose & placement of tank in the management train, & procedures used to ultimately dispose of hazardous waste	154.3 154	265.1090(i)(2) (i)	265.1090 (i)(2)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV-ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
for containers, sufficient information provided to describe: facility container ID number for the container or group of containers, purpose & placement of container(s) in management train, & procedures used to ultimately dispose of hazardous waste	154.3 154	265.1090(i)(2) (ii)	265.1090(i) (2)(ii)	X			
31 why managing hazardous waste containing organic peroxide compounds identified in 265.1090 (i)(1) would create undue safety hazard if specified air emission controls are installed & operated; include following information:	154.3 154	265.1090(i)(3)	265.1090 (i)(3)	X			
for tanks, sufficient information to explain how required air emission controls would affect design features & facility operating procedures currently used, & why installation of safety devices will not address situations in which evacuation is necessary	154.3 154	265.1090(i)(3) (i)	265.1090(i) (3)(i)	X			
for containers, sufficient information to explain how required air emission controls would affect design & handling procedures currently used, & why installation of safety devices under Subpart CC will not address situations in which evacuation is necessary	154.3 154	265.1090(i)(3) (ii)	265.1090(i) (3)(ii)	X			

ALTERNATIVE TANK EMISSIONS CONTROL REQUIREMENTS

32 reserve	154.1 154	265.1091	265.1091	X			
------------	--------------	----------	----------	---	--	--	--

APPENDIX VI

Compounds With Henry's Law Constant Less Than 0.1 Y/X	154	Part 265, Appendix VI	Part 265 App. VI	X			
---	-----	--------------------------	---------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS			
				EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
PART 270 - EPA ADMINISTERED PERMIT PROGRAMS: THE HAZARDOUS WASTE PERMIT PROGRAM							
SUBPART A - GENERAL INFORMATION							
EFFECT OF A PERMIT							
remove "or" at end of paragraph	154.1	270.4(a)(2)	122.4(a)(2)	x			
replace period at end of paragraph with "; or"	154.1	270.4(a)(3)	122.4(a)(3)	x			
add new paragraph: requirements promulgated under 265, Subparts AA, BB, or CC limiting air emissions	154.1	270.4(a)(4)	122.4(a)(4)	x			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
SUBPART B - PERMIT APPLICATION							
CONTENTS OF PART B: GENERAL REQUIREMENTS							
remove "and" before "264.1058"; add ", 264.1088, and 264.1091" at end	154.1	270.14(b)(5)	122.14(b)(5)	X			
SPECIFIC PART B INFORMATION REQUIREMENTS FOR CONTAINERS							
add new paragraph: information requirements on air emission control equipment as in 270.27	154.1	270.15(e)	122.15(e)	X			
SPECIFIC PART B INFORMATION REQUIREMENTS FOR TANK SYSTEMS							
add new paragraph: information requirements on air emission control equipment as in 270.27	154.1	270.16(k)	122.16(k)	X			
SPECIFIC PART B INFORMATION REQUIREMENTS FOR SURFACE IMPOUNDMENTS							
add new paragraph: information requirements on air emission control equipment as in 270.27	154.1	270.17(j)	122.17(j)	X			
SPECIFIC PART B INFORMATION REQUIREMENTS FOR AIR EMISSION CONTROLS FOR TANKS, SURFACE IMPOUNDMENTS, AND CONTAINERS							
add section: except as in 264.1, owners/operators of tanks, surface impoundments, or containers that use air emission controls in accordance with requirements of 264, Subpart CC, shall provide additional information:	154.1	270.27(a)	122.27(a)	X			
documentation for each cover installed on tank subject to 264.1084(b)(2) or (3) that includes information prepared by owner/operator or provided by cover manufacturer or vendor describing cover design, & certification that cover meets applicable design specifications of 265.1091(a)	154.1 154.5	270.27(a)(1)	122.27(a)(1)	X			

US EPA ARCHIVE DOCUMENT

**RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)**

FEDERAL REQUIREMENTS	RULE REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
ID of each container area subject to requirements of 264, Subpart CC & certification that requirements of 270, Subpart B are met	154.1	270.27(a)(2)	122.27(a)(2)	X			
documentation for each enclosure used to control air emissions from containers in accordance with 264.1086(b)(2)(i) that includes information prepared by owner/operator or provided by manufacturer or vendor describing enclosure design, & certification that enclosure meets specifications of 265.1086(b)(2)(ii)	154.1 154.5	270.27(a)(3)	122.27(c)(3)	X			
documentation for each floating membrane cover installed on surface impoundment in accordance with 264.1085(c) that includes information prepared by owner/operator or provided by cover manufacturer or vendor describing cover design, & certification that cover meets specifications of 265.1086(e)	154.1	270.27(a)(4)	122.27(a)(4)	X			
documentation for each closed-vent system & control device installed in accordance with 264.1087 that includes design & performance information as in 270.24(c) & (d)	154.1	270.27(a)(5)	122.27(c)(5)	X			
emissions monitoring plan for both Method 21 & control device monitoring methods; information plan shall include	154.1	270.27(a)(6)	122.27(a)(6)	X			
when owner/operator of facility subject to 265, Subpart CC cannot comply with 264, Subpart CC by date of permit issuance, schedule of implementation required under 265.1082	154.1	270.27(a)(7)	122.27(c)(7)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

- 1 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) initially revised 262.34(a)(1)(i) and 262.34(a)(1)(ii) by adding Subparts AA, BB, and CC as internal references, and Rule 154.5 (February 9, 1996; ~~61~~FR 4903) made technical corrections to 262.34(a)(1)(i). Rule 154 (November 25, 1996; ~~65~~FR 59932) finally amended these paragraphs by reversing the changes made by Rules 154.1 and 154.5. See 1 July 1, 1994 CFR for the correct version of these paragraphs.
- 2 At 264.73(b)(6), there is a typographical error in Rule 154.1 (December 6, 1994; ~~FR~~ 62896). The internal reference "264.1034(c) through 264.304(f)" should be "264.1034(c) through ~~264~~(f)".
- 3 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) originally introduced text at 264.1033(m), (m)(1), (m)(2), and (m)(3). Rule 154.5 (February 9, 1996; ~~61~~FR 4903) significantly revised this paragraph and added subparagraphs (m)(2)(i)-(ii) and (m)(3)(i)-(ii). Rule 154 (November 25, 1996; ~~FR~~ 59932) subsequently redesignated 264.1033(m) as 264.1033(n). The November 25, 1996 rule then revised the newly redesignated text at 264.1033(n) and added subparagraphs (n)(1)(i)-(iii).
- 4 At 264.1080(a), there is a typographical error Rule 154.1 (December 6, 1994; ~~59~~FR 62896): "subparts" should be "subpart".
- 5 This paragraph was introduced by Rule 154.1 (December 6, 1994; ~~FR~~ 62896). Although the paragraph was included in Rule 154 (November 25, 1996; ~~FR~~ 59932), no changes were made to the text.
- 6 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) originally introduced 264.1082(c)(2)(iii). It was amended by Rule 154.5 (February 9, 1996; ~~61~~FR 4903). Although 264.1082(c)(2)(iii) was included in Rule 154 (November 25, 1996; ~~61~~FR 59932), no changes were made to the text.
- 7 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) introduced 264.1082(c)(2)(vi) and (vii) to the Federal code. Rule 154 (November 25, 1996; ~~FR~~ 59932) subsequently redesignated 264.1082(c)(2)(vi) and (vii) as 264.1082(c)(2)(vii) and (viii) and added a new 264.1082(c)(2)(vi).
- 8 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) originally introduced paragraphs 264.1082(d) and (e) into the Federal code. Paragraph 264.1082(d) was subsequently amended by Rule 154.5 (February 9, 1996; ~~61~~FR 4903). Rule 154 (November 25, 1996; ~~FR~~ 59932) then removed the text at 264.1082(d). The November 25, 1996 rule revised 264.1082(e) and redesignated it as 264.1082(d).
- 9 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) originally introduced the text at 264.1082(d)(3)-(5) at 264.1082(e)(2)-(4). Rule 154 (November 25, 1996; ~~FR~~ 59932) redesignated the text at 264.1082(e)(2)-(4) as (d)(3)-(5) and introduced new text at 264.1082(d)(2). The rule also removed text originally introduced by Rule 154.1 (December 6, 1994; ~~FR~~ 62896) at 264.1082(d) and redesignated 264.1082(e) as 264.1082(d).
- 10 This subparagraph was introduced by Rule 154.1 (December 6, 1994; ~~FR~~ 62896) and amended by Rule 154.5 (February 9, 1996; ~~61~~FR 4903). Although this subparagraph was included in Rule 154 (November 25, 1996; ~~61~~FR 59932), no changes were made to the text.
- 11 The introductory text of this paragraph was introduced by Rule 154.1 (December 6, 1994; ~~FR~~ 59 62896). Although this text was included in Rule 154, no changes were made to it.
- 12 Sections 264.1084, 264.1085, 264.1086, and 264.1088 were originally introduced by Rule 154.1 (December 6, 1994; ~~59~~FR 62896) and amended by Rule 154.5 (February 9, 1996; ~~FR~~ 4903). Rule 154 (November 25, 1996; ~~61~~FR 59932) completely revised these sections. States should take care t

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

adopt the version of sections 264.1084, 264.1085, 264.1086, and 264.1088 from Rule 154 (November 25, 1996) as reflected on this consolidated revision checklist.

- 13 Paragraphs 264.1087(b)(3) and 264.1087(c)(2) and their subparagraphs were originally introduced in Rule 154.1 (December 6, 1994; ~~59~~FR 62896). Rule 154 (November 25, 1996; ~~6~~FR 59932) completely revised these paragraphs. States should take care to adopt the version of these paragraphs from Rule 154 as reflected on this consolidated revision checklist.
- 14 Note there is an error in 264.1087(c)(3)(ii). Rule 154.5 (February 9, 1996; ~~6~~FR 4903) replaced "§ 264.1033(m)" with "§ 264.1033(n)". It is likely the reference to 264.1033(n) should be to 264.1033(r) because 264.1033(n) did not exist at the time.
- 15 Paragraphs 264.1089(a) through (g) were originally introduced by Rule 154.1 (December 6, 1994; ~~5~~FR 62896). Rule 154.5 (February 9, 1996; ~~6~~FR 4903) subsequently amended 264.1089(a)(1) and (e). Rule 154 (November 25, 1996; ~~6~~FR 59932) completely revised the structure and text of these paragraphs. States should take care to adopt the version of paragraphs 264.1089(a) through (g) from Rule 154 (November 25, 1996) as reflected on this consolidated revision checklist.
- 16 The language at 264.1089(i), (i)(1), (i)(2), and (i)(3) was introduced by Rule 154.3 (September 29, 1995; ~~60~~FR 50426). Although these paragraphs were included in Rule 154 (November 25, 1996; ~~6~~FR 59932), no changes were made to the text.
- 17 Paragraphs 264.1090(c) and (d) were originally introduced by Rule 154.1 (December 6, 1994; ~~59~~FR 62896). Rule 154.5 (February 9, 1996; ~~6~~FR 4903) revised these paragraphs and divided the original text into subparagraphs. Note that the last two sentences from 264.1090(c) as introduced by Rule 154.1 were not removed by Rule 154.5. The sentences remain as undesignated text following 264.1090(c)(2).
- 18 Section 264.1091, Alternative Control Requirements for Tanks, was introduced by Rule 154.1 (December 6, 1994; ~~59~~FR 62896). It was subsequently removed and reserved by Rule 154 (November 25, 1996; ~~6~~FR 59932).
- 19 Note there is a typographical error in 265.1033(f)(2)(vi)(B) in Rule 154 (November 25, 1996; ~~61~~FR 59932): "Celsius (oC) or ± 0.5 oC" should be "Celsius (°C) or ± 0.5°C".
- 20 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) originally introduced text at 265.1033(l), (l)(1), (l)(2), and (l)(3). Rule 154.5 (February 9, 1996; ~~6~~FR 4903) significantly revised the paragraph and added subparagraphs (l)(2)(i)-(ii) and (l)(3)(i)-(ii). Rule 154 (November 25, 1996; ~~6~~FR 59932) subsequently redesignated 265.1033(l) as 265.1033(m). The November 25, 1996 rule then revised the newly redesignated text at 265.1033(m) and added subparagraphs (m)(1)(i)-(iii).
- 21 At 265.1080(a), there is a typographical error in Rule 154.1 (December 6, 1994; ~~59~~FR 62896): "subparts" should be "subpart".
- 22 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) originally introduced 265.1083(c)(2)(iii). It was amended by Rule 154.5 (February 9, 1996; ~~6~~FR 4903). Although it was included in Rule 154 (November 25, 1996; ~~6~~FR 59932), no changes were made to the text.
- 23 Rule 154.1 (December 6, 1994; ~~59~~FR 62896) introduced 265.1083(c)(2)(vi) and (vii) into the Federal code. Rule 154 (November 25, 1996; ~~6~~FR 59932) subsequently redesignated 265.1083(c)(2)(vi) and (vii) as 265.1083(c)(2)(vii) and (viii) and added a new 265.1083(c)(2)(vi).

RCRA REVISION CHECKLIST 154: Consolidated Organic Air DRAFT SPA 18
Emission Standards for Tanks, Surface Impoundments, and Containers (cont'd)

- 24 Rule 154.1 (December 6, 1994; ~~5~~FR 62896) originally introduced paragraphs 265.1083(d) and (e) into the Federal code. Paragraph 265.1083(d) was subsequently amended by Rule 154.5 (February 9, 1996; 61FR 4903). Rule 154 (November 25, 1996; ~~6~~FR 59932) then removed the text at 265.1083(d). The November 25, 1996 rule revised 265.1083(e) and redesignated it as 265.1083(d)
- 25 Rule 154.1 (December 6, 1994; ~~5~~FR 62896) originally introduced the text at 265.1083(d)(3)-(5) at 265.1083(e)(2)-(4). Rule 154 (November 25, 1996; ~~6~~FR 59932) redesignated the text at 265.1083(e)(2)-(4) as (d)(3)-(5) and introduced new text at 265.1083(d)(2). The rule also removed text originally introduced by Rule 154.1 at 265.1083(d) and redesignated 265.1083(e) as 265.1083(d)
- 26 This subparagraph was introduced by Rule 154.1 (December 6, 1994; ~~5~~FR 62896). Although this subparagraph was included in Rule 154 (November 25, 1996; ~~6~~FR 59932), no changes were made to the text.
- 27 Sections 265.1085, 265.1086, 265.1087, and 265.1089 were originally introduced by Rule 154.1 (December 6, 1994; ~~5~~FR 62896) and amended by Rule 154.5 (February 9, 1996; ~~6~~FR 4903). Rule 154 (November 25, 1996; 6FR 59932) completely revised these sections. States should take care to adopt the version of sections 265.1085, 265.1086, 265.1087, and 265.1089 from Rule 154 (November 25, 1996) as reflected on this consolidated revision checklist.
- 28 Paragraphs 265.1088(b)(3) and 265.1088(c)(2) and their subparagraphs were originally introduced by Rule 154.1 (December 6, 1994; ~~5~~FR 62896). Rule 154 (November 25, 1996; ~~6~~FR 59932) completely revised these paragraphs. States should take care to adopt the version of these paragraphs from Rule 154 as reflected on this consolidated revision checklist.
- 29 Note there is an error in 265.1088(c)(3)(ii). Rule 154.5 (February 9, 1996; ~~6~~FR 4903) replaced "§ 265.1033(l)" with "§ 265.1033(m)". It is likely the reference to 265.1033(m) should be to 265.1033(i) because 265.1033(m) did not exist at the time.
- 30 Paragraphs 265.1090(a) through (g) were originally introduced by Rule 154.1 (December 6, 1994; ~~5~~FR 62896). Rule 154.5 (February 9, 1996; ~~6~~FR 4903) subsequently amended 265.1090(a)(1) and (e). Rule 154 (November 25, 1996; ~~6~~FR 59932) completely revised the structure and text of these paragraphs. States should take care to adopt the version of paragraphs 265.1090(a) through (g) from Rule 154 (November 25, 1996) as reflected on this consolidated revision checklist.
- 31 The language at 265.1090(i), (i)(1), (i)(2), and (i)(3) was introduced by Rule 154.3 (September 29, 1995; 60FR 50426). Although these paragraphs were included in Rule 154 (November 25, 1996; 6FR 59932), no changes were made to the text.
- 32 Section 265.1091, Alternative Tank Emissions Control Requirements, was introduced by Rule 154.1 (December 6, 1994; ~~5~~FR 62896). It was subsequently removed and reserved by Rule 154 (November 25, 1996; 6FR 59932).

RCRA REVISION CHECKLIST 155

Land Disposal Restrictions Phase III--
 Emergency Extension of the K088 Capacity Variance
 62 FR 1992-1997
 January 14, 1997
 (RCRA Cluster VII, 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 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART C - PROHIBITIONS ON LAND DISPOSAL						
WASTE SPECIFIC PROHIBITIONS-- SPENT ALUMINUM POTLINERS; REACTIVE; AND CARBAMATE WASTES						
replace "January 8, 1997" with "July 8, 1997"; add "on July 8, 1997" to the last sentence after "disposal"	268.39(c)	Superseded by Checklist 160	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156

Military Munitions Rule: Hazardous Waste Identification and Management; Explosives Emergencies; Manifest Exemption for Transport of Hazardous Waste on Right-of-Ways on Contiguous Properties

62 FR 6622-6657

February 12, 1997

(RCRA Cluster VII, non-HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B - DEFINITIONS						
DEFINITIONS						
add "explosives or munitions emergency"	260.10	260.10	X			
add "explosives or munitions emergency response"	260.10	260.10	X			
add "explosives or emergency response specialist"	260.10	260.10	X			
add "military munitions"	260.10	260.10	X			
PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
DEFINITION OF SOLID WASTE						
replace "." at end of paragraph with "; or"	261.2(a)(2)(iii)	261.2(a)(2)(iii)	X			
add paragraph; a military munition identified as a solid waste in § 266.202	261.2(a)(2)(iv)	261.2(a)(2)(iv)	X			
PART 262 - STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
PURPOSE, SCOPE, AND APPLICABILITY						
add paragraph; persons responding to an	262.10(i)	262.10(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
explosives or munitions emergency not required to comply with Part 262						

GENERAL REQUIREMENTS

† add paragraph; exemption for transporters of hazardous waste on a right-of-way within or along the border of contiguous property; generator/transporter requirements if discharge	262.20(f)	262.20(f) <i>Exemption applies only during transportation during an emergency response activity</i>			X	
---	-----------	--	--	--	---	--

PART 263 - STANDARDS APPLICABLE TO TRANSPORTERS OF HAZARDOUS WASTE

SUBPART A - GENERAL

SCOPE

add paragraph; Part 263 does not apply to transportation during an explosives or munitions emergency response	263.10(e)	263.10(e)	X			
add paragraph; § 266.203 identifies how this part applies to military munitions classified as solid waste	263.10(f)	263.10(f)	X			

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART A - GENERAL

PURPOSE, SCOPE AND APPLICABILITY

add paragraph; immediate threat to human health, public safety, property, or the environment, from presence of military munitions or explosives	264.1(g)(8)(i)(D)	264.1(g)(8)(i)(D)	X			
add paragraph; when	264.1(g)(8)(iv)	264.1(g)(8)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
an official or specialist may authorize the removal or transport of waste without meeting all RCRA requirements; recordkeeping requirement for military						
add paragraph; requirements of storage of military munitions are in 266.205; treatment and disposal are subject to all standards in 40 CFR 260 through 270	264.1(i)	264.1(i)	X			

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

APPLICABILITY

replace "." after "sources" with "," and clause about military munitions	264.70	264.70	X			
--	--------	--------	---	--	--	--

SUBPART EE - HAZARDOUS WASTE MUNITIONS AND EXPLOSIVES STORAGE

APPLICABILITY

subpart applies to owners and operators who store munitions and explosive hazardous wastes	264.1200	264.1200	X			
--	----------	----------	---	--	--	--

DESIGN AND OPERATING STANDARDS

storage units must meet following requirements	264.1201(a)	264.1201(a)	X			
minimize potential for detonation or release	264.1201(a)(1)	264.1201(a)(1)	X			
provide primary barrier to contain waste	264.1201(a)(2)	264.1201(a)(2)	X			
if stored outdoors must not be in standing precipitation	264.1201(a)(3)	264.1201(a)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
for liquids, provide secondary containment or vapor detection system	264.1201(a)(4)	264.1201(a)(4)	X			
provide monitoring and inspection procedures meeting specified requirements	264.1201(a)(5)	264.1201(a)(5)	X			
hazardous waste military munitions and explosives may be stored in the following	264.1201(b)	264.1201(b)	X			
earth-covered magazines; requirements for earth-covered magazines	264.1201(b)(1)	264.1201(b)(1)	X			
	264.1201(b)(1)(i)	264.1201(b)(1)(i)	X			
	264.1201(b)(1)(ii)	264.1201(b)(1)(ii)	X			
	264.1201(b)(1)(ii)(A)-(C)	264.1201(b)(1)(ii)(A)-(C)	X			
	264.1201(b)(1)(iii)	264.1201(b)(1)(iii)	X			
above-ground magazines must be designed to minimize propagation of explosion	264.1201(b)(2)	264.1201(b)(2)	X			
outdoor or open storage areas must be designed to minimize propagation of explosion	264.1201(b)(3)	264.1201(b)(3)	X			
hazardous waste military munitions and explosives must be stored in accordance with Standard Operating Procedure; if procedure serves same purpose as certain Part 264 requirements, they	264.1201(c)	264.1201(c)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
may be used						
hazardous waste military munitions and explosives must be packaged to ensure safety	264.1201(d)	264.1201(d)	X			
hazardous waste military munitions and explosives must be inventoried annually	264.1201(e)	264.1201(e)	X			
hazardous waste military munitions and explosives must be inspected and monitored to ensure safety and no migration	264.1201(f)	264.1201(f)	X			

CLOSURE AND POST-CLOSURE CARE

at closure of magazine or unit that stored hazardous waste under Subpart EE, o/o must remove or decontaminate residues, components, subsoils, structures and equipment; closure must meet 264 subparts G and H requirements, but may defer as long as munitions or explosives magazine or storage unit	264.1202(a)	264.1202(a)	X			
if all contaminated subsoils cannot be practicably removed, o/o must close facility and perform post-closure as per 264.310	264.1202(b)	264.1202(b)	X			

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

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

add paragraph; immediate threat to human health, public safety, property, or the environment, from presence of military munitions or explosives	265.1(c)(11)(i)(D)	265.1(c)(11)(i)(D)	X			
add paragraph; when an official or specialist may authorize the removal or transport of waste without meeting all RCRA requirements; recordkeeping requirement for military	265.1(c)(11)(iv)	265.1(c)(11)(iv)	X			
add paragraph; requirements of storage of military munitions are in 266.205; treatment and disposal are subject to all standards in 40 CFR 260 through 270	265.1(f)	265.1(f)	X			

SUBPART E - MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

APPLICABILITY

replace "." after "sources" with "," and clause about military munitions	265.70	265.70	X			
--	--------	--------	---	--	--	--

SUBPART EE - HAZARDOUS WASTE MUNITIONS AND EXPLOSIVES STORAGE

APPLICABILITY

subpart applies to owners and operators who store munitions and explosive hazardous wastes	265.1200	265.1200	X			
--	----------	----------	---	--	--	--

DESIGN AND OPERATING STANDARDS

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
storage units must meet following requirements	265.1201(a)	265.1201(a)	X			
minimize potential for detonation or release	265.1201(a)(1)	265.1201(a)(1)	X			
provide primary barrier to contain waste	265.1201(a)(2)	265.1201(a)(2)	X			
if stored outdoors, must not be in standing precipitation	265.1201(a)(3)	265.1201(a)(3)	X			
for liquids, provide secondary containment or vapor detection system	265.1201(a)(4)	265.1201(a)(4)	X			
provide monitoring and inspection procedures	265.1201(a)(5)	265.1201(a)(5)	X			
hazardous waste military munitions and explosives may be stored in the following	265.1201(b)	265.1201(b)	X			
add paragraph; earth-covered magazines; requirements for earth-covered magazines	265.1201(b)(1)	265.1201(b)(1)	X			
	265.1201(b)(1)(i)	265.1201(b)(1)(i)	X			
	265.1201(b)(1)(ii)	265.1201(b)(1)(ii)	X			
	265.1201(b)(1)(ii)(A)-(C)	265.1201(b)(1)(ii)(A)-(C)	X			
	265.1201(b)(1)(iii)	265.1201(b)(1)(iii)	X			
above-ground magazines must be designed to minimize propagation of explosion	265.1201(b)(2)	265.1201(b)(2)	X			
outdoor or open storage areas must be designed to minimize propagation of explosion	265.1201(b)(3)	265.1201(b)(3)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
hazardous waste military munitions and explosives must be stored in accordance with Standard Operating Procedure; if procedures serve same purpose as certain Part 265 requirements, they will be used	265.1201(c)	265.1201(c)	X			
hazardous waste military munitions and explosives must be packaged to ensure safety	265.1201(d)	265.1201(d)	X			
hazardous waste military munitions and explosives must be inventoried annually	265.1201(e)	265.1201(e)	X			
hazardous waste military munitions and explosives must be inspected and monitored to ensure safety and no migration	265.1201(f)	265.1201(f)	X			
CLOSURE AND POST-CLOSURE CARE						
at closure of magazine or unit storing hazardous waste under Subpart EE, o/o must remove or decontaminate residues, components, subsoils, and equipment and manage as a hazardous waste closure; must meet subparts 265 G and H requirements	265.1202(a)	265.1202(a)	X			
if all contaminated subsoils cannot be practicably removed,	265.1202(b)	265.1202(b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
o/o must close facility and perform post-closure as per 264.310						

PART 266 - STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

SUBPARTS I - L (Reserved)

SUBPART M - MILITARY MUNITIONS

APPLICABILITY

subpart identifies when military munitions become a solid waste, and if they are hazardous	266.200(a)	266.200(a)	X			
all requirements of 40 CFR 260 through 270 apply unless otherwise specified	266.200(b)	266.200(b)	X			

DEFINITIONS

definitions are in addition to 260.10 definitions	266.201 intro	266.201 intro	X			
"active range"	266.201	266.201	X			
"chemical agents and munitions"	266.201	266.201	X			
"director"	266.201	266.201	X			
"explosives or munitions emergency response specialist"	266.201	266.201	X			
"explosives or munitions emergency"	266.201	266.201	X			
"explosives or munitions emergency response"	266.201	266.201	X			
"inactive range"	266.201	266.201	X			
"military"	266.201	266.201	X			

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
"military munitions"	266.201	266.201	X			
"military range"	266.201	266.201	X			
"unexploded ordnance (UXO)"	266.201	266.201	X			

DEFINITION OF SOLID WASTE

military munition is not a solid waste under listed circumstances	266.202(a)	266.202(a)	X			
	266.202(a)(1)	266.202(a)(1)	X			
	266.202(a)(1)(i)	266.202(a)(1)(i)	X			
	266.202(a)(1)(ii)	266.202(a)(1)(ii)	X			
	266.202(a)(1)(iii)	266.202(a)(1)(iii)	X			
	266.202(a)(2)	266.202(a)(2)	X			
unused military munition is a solid waste under listed circumstances	266.202(b)	266.202(b)	X			
	266.202(b)(1)	266.202(b)(1)	X			
	266.202(b)(2)	266.202(b)(2)	X			
	266.202(b)(3)	266.202(b)(3)	X			
	266.202(b)(4)	266.202(b)(4)	X			
used or fired military munition is solid waste under listed circumstances	266.202(c)	266.202(c)	X			
	266.202(c)(1)	266.202(c)(1)	X			
	266.202(c)(2)	266.202(c)(2)	X			
military munition is solid waste when it lands off-range and is not promptly taken care of; imminent and substantial threats must be addressed; action if remedial action is	266.202(d)	266.202(d)	X			

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
infeasible						

† STANDARDS APPLICABLE TO THE TRANSPORTATION OF SOLID WASTE MILITARY MUNITIONS

criteria for regulation of waste non-chemical military munitions in transportation	266.203(a)	266.203(a)	X			
military munitions that are being transported and exhibit hazardous waste characteristic or are listed in Part 261 are hazardous unless all listed conditions are met	266.203(a)(1)	266.203(a)(1)	X			
	266.203(a)(1)(i)	266.203(a)(1)(i)	X			
	266.203(a)(1)(ii)	266.203(a)(1)(ii)	X			
	266.203(a)(1)(iii)	266.203(a)(1)(iii)	X			
receiving facility has 5 days to report to Director shipments not received within 45 days of shipment	266.203(a)(2)	266.203(a)(2)	X			
266.203(a)(1) exemption only applies to transportation; does not affect storage, treatment or disposal	266.203(a)(3)	266.203(a)(3)	X			
266.203(a)(1) exemption applies so long as all listed 266.203(a)(1) conditions are met	266.203(a)(4)	266.203(a)(4)	X			
if 266.203(a)(1) exemption lost, can apply to Director for reinstatement as soon as munitions returned to 266.203(a)(1) compliance; if Director	266.203(b)	266.203(b)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
finds appropriate, may reinstate; if no action in 60 days, reinstatement deemed granted; termination of conditional exemption; Director may specify additional conditions						
what DOD shipping controls are applicable; amendments to DOD controls are effective on date published in <u>FR</u>	266.203(c)	266.203(c)	X			

STANDARDS APPLICABLE TO EMERGENCY RESPONSES

explosives and military munitions emergencies are subject to listed citations	266.204	266.204	X			
---	---------	---------	---	--	--	--

† STANDARDS APPLICABLE TO THE STORAGE OF SOLID WASTE MILITARY MUNITIONS

criteria for regulation of storage	266.205(a)	266.205(a)	X			
waste military munitions in storage that exhibit hazardous waste characteristic or listed in Part 261 are hazardous waste unless listed conditions met	266.205(a)(1)	266.205(a)(1)	X			
	266.205(a)(1)(i)	266.205(a)(1)(i)	X			
	266.205(a)(1)(ii)	266.205(a)(1)(ii)	X			
	266.205(a)(1)(iii)	266.205(a)(1)(iii)	X			
	266.205(a)(1)(iv)	266.205(a)(1)(iv)	X			
	266.205(a)(1)(v)	266.205(a)(1)(v)	X			
	266.205(a)(1)(vi)	266.205(a)(1)(vi)	X			
	266.205(a)(1)(vii)	266.205(a)(1)(vii)	X			
266.205(a)(1) exemption only applies	266.205(a)(2)	266.205(a)(2)	X			

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
to storage; does not affect transportation, treatment or disposal						
266.205(a)(1) exemption applies so long as all listed 266.205(a)(1) conditions met	266.205(a)(3)	266.205(a)(3)	X			
o/o must notify Director when 266.205(a)(1)(iv) storage is no longer used	266.205(b)	266.205(b)	X			
what DOD shipping controls are applicable; amendments to DOD controls are effective on date published in <u>FR</u>	266.205(c)	266.205				
waste chemical munitions	266.205(d)	266.205(d)	X			
chemical agents or chemical military munitions that exhibit hazardous characteristic or listed in Part 261 are hazardous and subject to RCRA Subtitle C	266.205(d)(1)	266.205(d)(1)	X			
hazardous waste chemical agents or chemical munitions not subject to 268.50	266.205(d)(2)	266.205(d)(2)	X			
DDESB storage standards which are applicable; any amendments are effective on date published in <u>FR</u>	266.205(e)	266.205(e)	X			
STANDARDS APPLICABLE TO THE TREATMENT AND DISPOSAL OF WASTE MILITARY MUNITIONS						
treatment and disposal of hazardous waste	266.206	266.206	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 156: Military Munitions Rule (cont'd) DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
military munitions subject to Parts 260 through 270						

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

SUBPART A - GENERAL INFORMATION

PURPOSE AND SCOPE OF THESE REGULATIONS

add paragraph; immediate threat to human health, public safety, property, or environment from military munitions or other explosive material/device	270.1(c)(3)(i)(D)	122.1(c)(3)(i)(D)	X			
emergency response recordkeeping requirement for military unit	270.1(c)(3)(iii)	122.1(c)(3)(iii)	X			

SUBPART D - CHANGES TO PERMITS

PERMIT MODIFICATION AT THE REQUEST OF THE PERMITTEE

redesignate (h) as (i) and add new paragraph at (h); if listed conditions met, permittee may accept military munitions even when permit conditions bar acceptance of off-site wastes	270.42(h)	122.42(h)	X			
	270.42(h)(1)	122.42(h)(1)	X			
	270.42(h)(2)	122.42(h)(2)	X			
	270.42(h)(3)	122.42(h)(3)	X			
redesignated text at (h) as (i)	270.42(i)	122.42(i)	X			

RCRA REVISION CHECKLIST 157

Land Disposal Restrictions Phase IV--
 Treatment Standards for Wood Preserving Wastes, Paperwork Reduction and Streamlining,
 Exemptions From RCRA for Certain Processed Materials; and Miscellaneous Hazardous
 Waste
 Provisions
 62 FR 25998-26040
 May 12, 1997
 (RCRA Cluster VIII, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 261 – IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A – GENERAL

† PURPOSE AND SCOPE

add new paragraph: definition "excluded scrap metal"	261.1(c)(9)	261.1(c)(9)	X			
add new paragraph: definition "processed scrap metal"	261.1(c)(10)	261.1(c)(10)	X			
add new paragraph: definition "home scrap metal"	261.1(c)(11)	261.1(c)(11)	X			
add new paragraph: definition "prompt scrap metal"	261.1(c)(12)	261.1(c)(12)	X			

† DEFINITION OF SOLID WASTE

revise table 1: add after entry for scrap metal "other than excluded scrap metal (see 261.1(c)(9))" also add "and 'processed scrap metal'" after "scrap metal" in Note.	261.2(c) table 1	261.2(c) table 1	X			
---	------------------	------------------	---	--	--	--

† EXCLUSIONS

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
add paragraph: excluded scrap metal being recycled	261.4(a)(13)	261.4(a)(13)	X			
add paragraph: shredded circuit boards being recycled provided that they are:	261.4(a)(14)	261.4(a)(14)	X			
add paragraph: stored in containers sufficient to prevent release, and	261.4(a)(14)(i)	261.4(a)(14)(i)	X			
add paragraph: free of mercury switches, mercury relays and nickel cadmium batteries and lithium batteries	261.4(a)(14)(ii)	261.4(a)(14)(ii)	X			

† REQUIREMENTS FOR RECYCLABLE MATERIALS

scrap metal that is not excluded under 261.4(a)(13)	261.6(a)(3)(ii)	261.6(a)(3)(ii)	X			
---	-----------------	-----------------	---	--	--	--

PART 268 – LAND DISPOSAL RESTRICTIONS

SUBPART A – GENERAL

PURPOSE, SCOPE AND APPLICABILITY

no change	268.1(e)intro - (e)(3)	268.1(e)intro - (e)(3)	X			
† de minimis losses of characteristic wastes to wastewaters are not considered prohibited wastes definition "de minimis losses"	268.1(e)(4)	268.1(e)(4)	X			

TREATMENT SURFACE IMPOUNDMENT EXEMPTION

completely revise subparagraph; sampling and testing and recordkeeping	268.4(a)(2)(iv)	268.4(a)(2)(iv)	X			
--	-----------------	-----------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
provisions of 264.13 and 265.13 of this chapter apply						
remove "and submits a copy of the waste analysis plan under §268.4(a)(2)"	268.4(a)(4)	268.4(a)(4)	X			

1 TESTING, TRACKING, AND RECORDKEEPING REQUIREMENTS FOR GENERATORS, TREATERS, AND DISPOSAL FACILITIES

remove text and replace with "requirements for generators"	268.7(a)intro	268.7(a)	X			
completely revise paragraph; generator of hazardous waste must determine if it has to be treated before it can be land disposed; this is done by determining if the waste meets treatment standards in 268.40 or 268.45; determination can be made in two ways: test the waste; or use knowledge of the waste; for testing, method 1311 is used and land treatment methods of 268.40 and 268.42 may apply; if characteristic waste, generators must comply with 268.9	268.7(a)(1)	268.7(a)(1)	X			
REMOVED	268.7(a)(1)(i)-(v)	268.7(a)(1)(i)-(v)	X			
insert new paragraph and redesignate old 268.7(a)(2) as 268.7(a)(3); if waste does not meet	268.7(a)(2)	268.7(a)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADI IN SCOP
treatment standard, one-time notice with initial shipment of waste to each treatment or storage facility receiving waste; the generator must place a copy in the file; notice must include information in 268.7(a)(2) column of 268.7(a)(4) table; no further notice is necessary unless waste or facility change						
REMOVED	268.7(a)(2)(i)(A)-(D)	268.7(a)(2)(i)(A)-(D)	X			
REMOVED	268.7(a)(2)(ii)	268.7(a)(2)(ii)	X			
completely revise subparagraph; redesignate old 268.7(a)(2) as 268.7(a)(3); if waste meets treatment standard at original point of generation	268.7(a)(3)	268.7(a)(3)	X			
completely revise subparagraph; redesignate old 268.7(a)(2)(i) as 268.7(a)(3)(i); with initial shipment of waste, generator must send one-time written notice to each treatment/storage/disposal facility receiving waste, and place a copy in the file; notice must include information in the 268.7(a)(3) column of 268.7(a)(4) table; certification statement	268.7(a)(3)(i)	268.7(a)(3)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
completely revise subparagraph: if waste changes, generator must send new notice and certification to receiving facility and place a copy in their files; generators of hazardous debris excluded from definition of hazardous waste under 261.3(f) are not subject to these requirements	268.7(a)(3)(ii)	268.7(a)(3)(ii)	✓			
REMOVED	268.7(a)(3)(iii)-(vii)	268.7(a)(3)(iii)-(vii)	✗			
redesignate old 268.7(a)(3) as 268.7(a)(4); completely revise subparagraph; certain exemptions from the requirement that hazardous wastes meet treatment standards before land disposed include but are not limited to case-by-case extensions under 268.5, disposal in a no-migration unit under 268.6 or national capacity variance or case by case capacity variance under subpart C; with initial shipment, generator must send one-time written notice to each land disposal facility for exempted waste; notice must include information in 268.7(a)(4) column of 268.7(a)(4) table; changed waste requires	268.7(a)(4)	268.7(a)(4)	✓			

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD. IN SCOPE
further notice.						
add table	268.7(a)(4)/table	268.7(a)(4)/Table	✓			
REMOVED	268.7(a)(4)(i)-(iii)	268.7(a)(4)(i)-(iii)	X			
redesignate old 268.7(a)(4) as 268.7(a)(5); remove "and is treating such waste in such tank, containers or containment buildings"; replace "under subpart D of this part" with "found at 268.40"	268.7(a)(5)	268.7(a)(5)	X			
redesignate old 268.7(a)(4)(i) as 268.7(a)(5)(i); replace "Part" with "part"	268.7(a)(5)(i)	268.7(a)(5)(i)	X			
redesignate 268.7(a)(4)(ii) as 268.7(a)(5)(ii); completely revise subparagraph; plan must be kept on-site and made available to inspectors	268.7(a)(5)(ii)	268.7(a)(5)(ii)	X			
redesignate old 268.7(a)(4)(iii) as 268.7(a)(5)(iii); replace "268.7(a)(2)" with "268.7(a)(3)"	268.7(a)(5)(iii)	268.7(a)(5)(iii)	X			
redesignate old 268.7(a)(5) as 268.7(a)(6); replace "whether the" with "that the"; replace "described in Appendix I of this part" with wording referencing method 1311, SW-846 and 260.11	268.7(a)(6)	268.7(a)(6)	X			

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
redesignate old 268.7(a)(6) as 268.7(a)(7); insert parenthetical phrase addressing characteristic waste subject to CWA	268.7(a)(7)	268.7(a)(7)	X			
redesignate old 268.7(a)(7) as 268.7(a)(8); replace the two occurrences of "five years" with "three years"	268.7(a)(8)	268.7(a)(8)	X			
redesignate old 268.7(a)(8) as 268.7(a)(9); completely revise subparagraph and place certification in new 268.7(a)(9)(i); if generator is managing lab packs containing hazardous waste and wishes to use alternative treatment method in 268.42(c):	268.7(a)(9)	268.7(a)(9)	X			
add new subparagraph: with initial shipment of waste, generator must submit notice with information in the 268.7(a)(9) column of the 268.7(a)(4) table; certification must be placed in files; replace old certification with new certification	268.7(a)(9)(i)	268.7(a)(9)(i)	X			
add new subparagraph: no further notification is necessary until wastes or receiving facility change in which case new notice and	268.7(a)(9)(ii)	268.7(a)(9)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
certification must be sent and copy placed in files						
add new subparagraph: if lab pack contains characteristic hazardous wastes (D001-D043), underlying hazardous constituents need not be determined	268.7(a)(9)(iii)	268.7(a)(9)(iii)	X			
add new subparagraph: generator must also comply with requirements in 268.7(a)(6) and (a)(7)	268.7(a)(9)(iv)	268.7(a)(9)(iv)	X			
no change	268.7(a)(10)	268.7(a)(10)	X			
insert "(for permitted TSDs)" after "264.13"; insert "(for interim status facilities)" after "265.13"	268.7(b)	268.7(b)	X			
revise subparagraph; for wastes with treatment standards expressed as concentrations in waste extract, owner or operator must test extract of treatment residues using test method 1311 to assure that treatment residues extract meet applicable treatment standards	268.7(b)(1)	268.7(b)(1)	X			
remove old 268.7(b)(2); redesignate old 268.7(b)(3) as 268.7(b)(2); replace "treatment" with "they" after "to assure"	268.7(b)(2)	268.7(b)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
redesignate old 268.7(b)(4) as 268.7(b)(3); completely revise paragraph; one-time notice must be sent with initial shipment of waste to land disposal facility; copy of notice must be placed in facility's files	268.7(b)(3)intro	268.7(b)(3) intro	X			
completely revise subparagraph; no further notification is necessary until waste or receiving facility change in which case new notice must be sent and copy placed in facility's files	268.7(b)(3)(i)	268.7(b)(3)(i)	X			
completely revise subparagraph; the one-time notice must include these requirements	268.7(b)(3)(ii)	268.7(b)(3)(ii)	X			
add table	268.7(b)(3)(ii)/table	268.7(b)(3)(ii) Table	X			
REMOVED	268.7(b)(3)(iii) and (iv)	268.7(b)(3)(iii) and (iv)	X			
completely revise subparagraph; treatment facility must submit a one-time certification signed by an authorized representative with initial shipment of waste or treatment residue of restricted waste to land disposal facility ; certification	268.7(b)(4)	268.7(b)(4)	X			
completely revise subparagraph; copy of the certification must be	268.7(b)(4)(i)	268.7(b)(4)(i)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
placed in treatment facility's on-site files; if waste or treatment residue changes, new notice must be sent and copy placed in files						
completely revise subparagraph; debris excluded from definition of hazardous waste in 261.3(e) is subject to notification and certification requirements of 268.7(d)	268.7(b)(4)(ii)	<i>268.7(b)(4)(ii)</i>	X			
completely revise subparagraph; for wastes with organic constituents having treatment standards expressed as concentration levels, if compliance with treatment standards is based in whole or in part on analytical detection limit alternative specified in 268.40(d), certification, signed by authorized representative; certification statement	268.7(b)(4)(iii)	<i>268.7(b)(4)(iii)</i>	X			
delete "and the certification specified in 268.8 if applicable."	268.7(c)(1)	<i>268.7(c)(1)</i>	X			
replace "method described in Appendix I of this part or using any method required by generators under 268.32 of this part" with the wording referencing method 1311 SW-846	268.7(c)(2)	<i>268.7(c)(2)</i>	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
and 260.11						

SPECIAL RULES REGARDING WASTES THAT EXHIBIT A CHARACTERISTIC

revise paragraph; initial generator of solid waste must determine each EPA Hazardous Waste Number in order to determine treatment standards under subpart D; for 268, waste will carry the waste code for any applicable listed waste; where waste exhibits characteristic, it will carry one or more of the characteristic waste codes, except when treatment standard operates in lieu of treatment standard for characteristic waste, as specified 268.9(b); if generator determines that waste displays hazardous characteristic, generator must determine defined hazardous constituent except for certain D001 wastes	268.9(a)	268.9(a)	X			
replace "in D001 and D002 wastes prohibited under 268.37 or D0012-D0043 wastes under 268.38" with a phrase and sentence renaming listing requirement if all underlying hazardous constituents will be treated and monitored	268.9(d)(1)(ii)	268.9(d)(1)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROAL IN SCOP
SUBPART C – PROHIBITIONS ON LAND DISPOSAL						
WASTE SPECIFIC PROHIBITIONS – WOOD PRESERVING WASTES						
completely revise paragraph; effective August 11, 1997, the following wastes are prohibited from land disposal: F032, F034, F035	268.30(a)	268.30(a)	X			
REMOVED	268.30(a)(1)-(4)	268.30(a) (1)-(4)	X			
completely revise paragraph; effective May 12, 1999, soil and debris contaminated with F032, F034, F035 and radioactive wastes mixed with F032, F034, F035 are prohibited from land disposal	268.30(b)	268.30(b)	X			
completely revise paragraph; between May 12, 1997 and May 12, 1999, soil and debris contaminated with F032, F034, F035 and radioactive waste mixed with F032, F034, F035 may be disposed in a landfill or surface impoundment only if 268.5(h)(2) requirements are met	268.30(c)	268.30(c)	X			
completely revise paragraph; requirements of 268.30 (a) and (b) do not apply if:	268.30(d)	268.30(d)	X			
no change	268.30(d)(1)	268.30(d)(1)	X			
delete "or" at end of paragraph	268.30(d)(2)	268.30(d)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
completely revise subparagraph; the wastes meet the applicable alternate treatment standards established pursuant to a petition granted under 268.44	268.30(d)(3)	268.30(d)(3)	X			
add new subparagraph; persons have been granted an extension to effective date of prohibition pursuant to 268.5 with respect to wastes covered by extension	268.30(d)(4)	268.30(d)(4)	X			
add new paragraph: to determine whether a hazardous waste identified in 268.30 exceeds applicable treatment standards, initial generator must test a sample of waste extract or entire waste; if waste contains constituents in excess of applicable treatment levels of 268.48, waste is prohibited from land disposal and all requirements of 268 are applicable unless otherwise specified	268.30(e)	268.30(e)	X			
REMOVED AND RESERVED	268.32 - 268.36	268.32 - 268.36	X			

SUBPART D- TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

add entries for F032, F034 and F035; revise entries for D001 and	268.40/ Table of Treatment Standards	268.40/ Table of Treatment standards	X			
--	--------------------------------------	--------------------------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 157:
Land Disposal Restrictions Phase IV

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
F024 as per 62 FR 26023-26024						

TREATMENT STANDARDS EXPRESSED AS SPECIFIC TECHNOLOGIES

add entry for "POLYM" as per 62 FR 26025	268.42/ Table 1	268.42/ Table 1	X			
--	-----------------	--------------------	---	--	--	--

VARIANCE FROM A TREATMENT STANDARD

the following facilities are excluded from the treatment standards under 268.40 and are subject to the following constituent concentrations:	268.44(o)	268.44(o)	X			
revise title of table to read "Wastes Excluded from the Treatment Standards Under 268.40"	268.44(o)/ Table 1	268.44(o)/ Table 1	X			

APPENDIX I, II, III and X TO PART 268

REMOVED AND RESERVED	268 Appendices I, II, III and X	268 Appendices I, II, III, and X	X			
----------------------	---------------------------------	----------------------------------	---	--	--	--

APPENDIX VI TO PART 268

RECOMMENDED TECHNOLOGIES TO ACHIEVE DEACTIVATION OF CHARACTERISTICS IN SECTION 268.42

revise introduction to appendix; treatment standard for many characteristic wastes is stated in 268.40; characteristic wastes that are not managed in a facility must be treated not only by "deactivating" but also to achieve UTS for underlying constituents; the appendix presents a partial list that may help meet treatment	268 Appendix VI	268 Appendix VI	X			
--	-----------------	-----------------	---	--	--	--

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
standards; use of these treatment standards is not mandatory						

APPENDIX VII TO PART 268

LDR EFFECTIVE DATES OF SURFACE DISPOSED PROHIBITED HAZARDOUS WASTES

revise tables 1 and 2 as shown in 62 FR 26025-26037	268 Appendix VII	268. Appendix VII	X			
---	------------------	-------------------	---	--	--	--

APPENDIX VIII TO PART 268

2 NATIONAL CAPACITY LDR VARIANCES FOR UIC WASTES

revise table as shown in 62 FR 26037-26039	268 Appendix VIII	268 Appendix VIII	X			
--	-------------------	-------------------	---	--	--	--

¹ This section heading has been revised. The former heading read "Waste analysis and recordkeeping".

² Note that there is an error at 62 FR 26037. The title for Appendix VIII should be listed as "National Capacity LDR Variances for UIC Wastes" but is incorrectly listed in the Federal Register as "LDR Effective Dates of Surface Disposed Prohibited Hazardous Wastes".

RCRA REVISION CHECKLIST 158

Testing and Monitoring Activities Amendment III
 62 FR 32452-32463
 June 13, 1997
 (RCRA Cluster VII, Non-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 260 -- HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B -- DEFINITIONS						
REFERENCES						
no change	260.11(a) intro	260.11(a) intro	X			
redesignate "ASTM Standard Test Methods for Flash Point of Liquids by Setaflash Closed Tester" from a 260.11(a) undesignated entry to 260.11(a)(1)	260.11(a)(1)	260.11(a)(1)	X			
redesignate "ASTM Standard Test Methods for Flash Point by Pensky-Martens Closed Tester" from a 260.11(a) undesignated entry to 260.11(a)(2)	260.11(a)(2)	260.11(a)(2)	X			
redesignate "ASTM Standard Method for Analysis of Reformed Gas by Gas Chromatography" from a 260.11(a) undesignated entry to 260.11(a)(3)	260.11(a)(3)	260.11(a)(3)	X			
redesignate "ASTM Standard Test Method for Heat Combustion of Hydrocarbon Fuels by Bomb Calorimeter (High Precision Method)" from a 260.11(a) undesignated entry to 260.11(a)(4)	260.11(a)(4)	260.11(a)(4)	X			

RCRA REVISION CHECKLIST 158: Hazardous Waste
Management System; Testing and Monitoring Activities

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOGIS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BRO. IN SCO.
redesignate "ASTM Standard Practices for General Techniques of Ultraviolet-Visible Quantitative Analysis" from a 260.11(a) undesignated entry to 260.11(a)(5)	260.11(a)(5)	260.11(a)(5)	X			
redesignate "ASTM Standard Practices for General Techniques of Infrared Quantitative Analysis" from a 260.11(a) undesignated entry to 260.11(a)(6)	260.11(a)(6)	260.11(a)(6)	X			
redesignate "ASTM Standard Practices for Packed Column Gas Chromatography" from a 260.11(a) undesignated entry to 260.11(a)(7)	260.11(a)(7)	260.11(a)(7)	X			
redesignate "ASTM Standard Test Method for Aromatics in Light Naphthas and Aviation Gasolines by Gas Chromatography" from a 260.11(a) undesignated entry to 260.11(a)(8)	260.11(a)(8)	260.11(a)(8)	X			
remove entry for "ASTM Standard Test Method for Vapor Pressure--Temperature Relationship..." (this is a duplicate entry)	No designation	N/A				
redesignate "APTI Course 415: Control of Gaseous Emissions" from a 260.11(a) undesignated entry to 260.11(a)(9)	260.11(a)(9)	260.11(a)(9)	X			
redesignate "Flammable and Combustible Liquids Code" from a 260.11(a) undesignated entry to 260.11(a)(10)	260.11(a)(10)	260.11(a)(10)	X			

RCRA REVISION CHECKLIST 158: Hazardous Waste
Management System; Testing and Monitoring Activities

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
redesignate "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" from a 260.11(a) undesignated entry to 260.11(a)(11); remove "and" before the first "IIB"; insert "and III (December 1996)" after "(August 1993)"; replace the second "and IIB" with "IIB, and III"; insert new sentence regarding copies of the third edition	260.11(a)(11)	260.11(a)(11)	X			
redesignate "Screening Procedures for Estimating the Air Quality Impact of Stationary Sources, Revised" from a 260.11(a) undesignated entry to 260.11(a)(12)	260.11(a)(12)	260.11(a)(12)	X			
redesignate "ASTM Standard Test Methods for Preparing Refuse-Derived Fuel (RDF) Samples for Analysis of Metals" from a 260.11(a) undesignated entry to 260.11(a)(13)	260.11(a)(13)	260.11(a)(13)	X			
redesignate "API Publication 2517, Third Edition" from a 260.11(a) undesignated entry to 260.11(a)(14)	260.11(a)(14)	260.11(a)(14)	X			
redesignate "ASTM Standard Test Method for Vapor Pressure -- Temperature Relationship and Initial Decomposition Temperature of Liquids by Isoteniscope" from a 260.11(a) undesignated entry to 260.11(a)(15)	260.11(a)(15)	260.11(a)(15)	X			

RCRA REVISION CHECKLIST 158: Hazardous Waste Management System; Testing and Monitoring Activities

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

PART 264 -- STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART AA -- AIR EMISSION STANDARDS FOR PROCESS VENTS

TEST METHODS AND PROCEDURES

replace "8240" with "8260"	264.1034(d)(1)(iii)	264.1034(d)(1)(iii)	X			
replace "Method 8240" with "Method 8260 of SW-846 (incorporated by reference under §260.11)"	264.1034(f)	264.1034(f)	X			

SUBPART BB -- AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS

TEST METHODS AND PROCEDURES

replace "8240" with "8260"	264.1063(d)(2)	264.1063(d)(2)	X			
----------------------------	----------------	----------------	---	--	--	--

PART 264 -- APPENDIX IX

GROUNDWATER MONITORING LIST

replace "EPA Report SW-846" with "the EPA publication, SW-846"; replace "third edition, November 1986" with "Third Edition": replace "agency" with "Agency"; remove "CAUTION: . . ." and all text after; add explanation of replacement of "packed column gas chromatography methods" with "capillary column GC methods"	264 Appendix IX, footnote 5	264. Appendix IX, footnote 5	X			
--	-----------------------------	------------------------------	---	--	--	--

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

SUBPART AA -- AIR EMISSION STANDARDS FOR PROCESS VENTS

TEST METHODS AND PROCEDURES

replace "8240" with "8260"	265.1034(d)(1)(iii)	265.1034(d)(1)(iii)	X			
----------------------------	---------------------	---------------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 158: Hazardous Waste Management System; Testing and Monitoring Activities

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV-ALENT	LESS STRIN-GENT	MORE STRIN-GENT	BROADER IN SCOPE
replace "8240 can" with "8260 of SW-846 (incorporated by reference under §260.11) may"	265.1034(f)	264.1034(f)	X			

SUBPART BB -- AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS

TEST METHODS AND PROCEDURES

replace "8240" with "8260"	265.1063(d)(2)	265.1063(d)(2)	X			
----------------------------	----------------	----------------	---	--	--	--

PART 266 -- STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

1 SUBPART H -- HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES (EFFECTIVE AUGUST 21, 1991)

STANDARDS TO CONTROL ORGANIC EMISSIONS

replace "Method 23" and all text after with "Method 0023A, Sampling Method for Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans Emissions from Stationary Sources, EPA Publication SW-846, as incorporated by reference in §260.11 of this chapter."	266.104(e)(1)	266.104(e)(1)	X			
---	---------------	---------------	---	--	--	--

**RCRA REVISION CHECKLIST 158: Hazardous Waste
Management System; Testing and Monitoring Activities**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOGIS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BRO. IN SCO...
STANDARDS TO CONTROL METALS EMISSIONS						
replace "the Multiple Methods Train" and all text after with "Method 0060, Determinations of Metals in Stack Emissions, EPA Publication SW-846, as incorporated by reference in §260.11 of this chapter."	266.106(g)(1)	266.106(g)(1)	X			
replace "appendix IX of this part" with "Method 0061, Determination of Hexavalent Chromium Emissions from Stationary Sources, EPA Publication SW-846, as incorporated by reference in §260.11 of this chapter"	266.106(g)(2)	266.106(g)(2)	X			
STANDARDS TO CONTROL HYDROGEN CHLORIDE (HCl) AND CHLORINE GAS (Cl₂) EMISSIONS						
replace "appendix IX of this part" with "Methods 0050 or 0051, EPA Publication SW-846, as incorporated by reference in §260.11 of this chapter"	266.107(f)	266.107(f)	X			
PART 266 – APPENDIX IX						
METHODS MANUAL FOR COMPLIANCE WITH THE BIF REGULATIONS						
SAMPLING AND ANALYTICAL METHODS						
add new note right under title addressing sampling and analytical methods to BIF manual	Appendix IX, Section 3.0, Note	Part 266 Appendix IX, Section 3.0, Note	X			

¹ Note this title was changed by adding "(Effective August 21, 1991)" to it.

RCRA REVISION CHECKLIST 159

Conformance With the Carbamate Vacatur
 62 FR 1992-1997
 May 29, 1997
 (RCRA Cluster VIII, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 261 – IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

† HAZARDOUS WASTE FROM SPECIFIC SOURCES

revise table by removing entry for K160 and revising entries for K156, K157 and K158 as shown below:	261.32/table	261.32/table	X			
--	--------------	--------------	---	--	--	--

Industry and EPA hazardous waste No.	Hazardous waste	Hazard code
Organic chemicals:		
K156.....	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.).	(T)
K157.....	Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.).	(T)
K158.....	Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.).	(T)

revise table by removing in their entirety the entries listed below:	261.33	261.33	X			
--	--------	--------	---	--	--	--

H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester, (U365)
 Bis(dimethylthiocarbamoyl) sulfide, (U401)
 Bis (pentamethylene)thiuram tetrasulfide, (U400)
 Butylate, (U392)

Continued....

Carbamic acid, butyl-,3-iodo-2-propynyl ester, (U375)

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 159: Conformance With
the Carbamate Vacatur (cont'd)

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:							
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER				
Carbamodithioic acid, dibutyl, sodium salt, (U379) Carbamodithioic acid, diethyl-, 2-chloro-2-propenyl ester, (U277) Carbamodithioic acid, diethyl-, sodium salt, (U381) Carbamodithioic acid, dimethyl-, potassium salt, (U383) Carbamodithioic acid, dimethyl-, sodium salt, (U382) Carbamodithioic acid, dimethyl-, tetraanhydrosulfide with orthothioselenious acid, (U376) Carbamodithioic acid, (hydroxymethyl) methyl-, monopotassium salt, (U378) Carbamodithioic acid, methyl-, monosodium salt, (U384) Carbamodithioic acid, methyl-, monopotassium salt, (U377) Carbamothioic acid, bis(2-methylpropyl)-, S-ethyl ester, (U392) Carbamothioic acid, butylethyl-, S-propyl ester, (U391) Carbamothioic acid, cyclohexylethyl-, S-ethyl ester, (U386) Carbamothioic acid, dipropyl-, S-ethyl ester, (U390) Carbamothioic acid, dipropyl-, S-propyl ester, (U385) Copper, bis(dimethylcarbamodithioato-S,S')-, (U393) Copper dimethyldithiocarbamate, (U393) Cycloate, (U386) Dazomet, (U366) Disulfiram, (U403) EPTC, (U390) Ethyl Ziram, (U407) Ferbam, (U396) 3-Iodo-2-propynyl n-butylcarbamate, (U375) Iron, tris(dimethylcarbamodithioato-S,S')-, (U396) Metam Sodium, (U384) Molinate, (U365) Pebulate, (U391) Piperidine, 1,1'-(tetrathiodicarbonothioyl)-bis-, (U400) Potassium dimethyldithiocarbamate, (U383) Potassium n-hydroxymethyl-n-methyldi-thiocarbamate, (U378) Potassium n-methyldithiocarbamate, (U377) Selenium, tetrakis(dimethyldithiocarbamate), (U376) Sodium dibutyldithiocarbamate, (U379) Sodium diethyldithiocarbamate, (U381) Sodium dimethyldithiocarbamate, (U382) Sulfallate, (U277) Tetrabutylthiuram disulfide, (U402) Tetramethylthiuram monosulfide, (U401) 2H-1,3,5-Tthiadiazine-2-thione, tetrahydro-3,5-dimethyl-, (U366) Thioperoxydicarbonic diamide, tetrabutyl, (U402) Thioperoxydicarbonic diamide, tetraethyl, (U403) Vernolate, (U385) Zinc, bis(diethylcarbamodithioato-S,S')-, (U407)										

PART 261 – APPENDIX VII

BASIS FOR LISTING HAZARDOUS WASTE

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 159: Conformance With
the Carbamate Vacatur (cont'd)

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
remove entire entry for EPA hazardous waste number K160	261 Appendix VII	261 Appendix VII	X			

PART 261 – APPENDIX VIII

HAZARDOUS CONSTITUENTS

1 remove entries "Potassium hydroxymethyl-n-methyl-dithiocarbamate" and "Tetrabutylthiuram monosulfide" and revise as shown in following table:	261 Appendix VIII	261 Appendix VIII	X			
---	-------------------	-------------------	---	--	--	--

APPENDIX VIII TO PART 261–HAZARDOUS CONSTITUENTS

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Bis(pentamethylene)-thiuram tetrasulfide.....	Piperidine, 1,1'-(tetrathiodicarbonothioyl)-bis-.....	120-54-7	.....
Butylate.....	Carbamothioic acid, bis(2-methylpropyl)-, S-ethyl ester.....	2008-41-5	.....
Copper dimethyldithiocarbamate.....	Copper, bis(dimethylcarbamodithioato-S,S')-.....	137-29-1	.....
Cycloate.....	Carbamothioic acid, cyclohexylethyl-, S-ethyl ester.....	1134-23-2	.....
Dazomet.....	2H-1,3,5-thiadiazine-2-thione, tetrahydro-3,5-dimethyl.....	533-74-4	.....
Disulfiram.....	Thioperoxydicarbonic diamide, tetraethyl.....	97-77-8	.....
EPTC.....	Carbamothioic acid, dipropyl-, S-ethyl ester.....	759-94-4	.....
Ethyl Ziram.....	Zinc, bis(diethylcarbamodithioato-S,S')-.....	14324-55-1	.....
Ferbam.....	Iron, tris(dimethylcarbamodithioato-S,S')-.....	14484-64-1	.....
3-Iodo-2-propynyl n-butylcarbamate.....	Carbamic acid, butyl-, 3-iodo-2-propynyl ester.....	55406-53-6	.....

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
Metam Sodium.....	Carbamodithioic acid, methyl-, monosodium salt.....	137-42-8	.....

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 159: Conformance With
the Carbamate Vacatur (cont'd)

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BRO IN SC
Molinate.....	1H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester.....		2212-67-1			
Pebulate.....	Carbamothioic acid, butylethyl-, S-propyl ester.....		1114-71-2			
Potassium dimethyldithiocarbamate.....	Carbamodithioic acid, dimethyl, potassium salt.....		128-03-0			
Potassium n-hydroxymethyl-n-methyl- dithiocarbamate.....	Carbamodithioic acid, (hydroxymethyl)methyl-, monopotassium salt.....		51026-28-9			
Potassium n-methyldithiocarbamate.....	Carbamodithioic acid, methyl-monopotassium salt.....		137-41-7			
Selenium, tetrakis (dimethyl-dithiocarbamate).....	Carbamodithioic acid, dimethyl-, tetraanhydrosulfide with orthothioselenious acid.....		144-34-3			
Sodium dibutyldithiocarbamate.....	Carbamodithioic acid, dibutyl, sodium salt.....		136-30-1			
Sodium diethyldithiocarbamate.....	Carbamodithioic acid, diethyl-, sodium salt.....		148-18-5			
Sodium dimethyldithiocarbamate.....	Carbamodithioic acid, dimethyl-, sodium salt.....		128-04-1			
Sulfallate.....	Carbamodithioic acid, diethyl-, 2-chloro-2-propenyl ester.....		95-06-7			
Tetrabutylthiuram disulfide.....	Thioperoxydicarbonic diamide, tetrabutyl.....		1634-02-2			
Tetramethylthiuram monosulfide.....	Bis(dimethylthiocarbamoyl) sulfide.....		97-74-5			
Vernolate.....	Carbamothioic acid, dipropyl-,S-propyl ester.....		1929-77-7			

PART 268 – LAND DISPOSAL RESTRICTIONS

SUBPART C – PROHIBITIONS ON LAND DISPOSAL

† WASTE SPECIFIC PROHIBITIONS – SPENT ALUMINUM POTLINERS; REACTIVE; AND CARBAMATE WASTES

replace "K156-K161" with "K156-K159 and K161"; replace "U277-U280" with "U278-U280"; replace "U364-U367" with "U364, U367"; remove "U375-U379"; replace "U381-U387, U389-U396" with "U387, U389, U394, U395"; replace "U400-U404" with "U404"; remove "U407"	268.39(a)	268.39(a)	X			
replace "U277-U280"	268.39(d)	268.39(d)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 159: Conformance With
the Carbamate Vacatur (cont'd)

DRAFT SPA 18

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
with "U278-U280"; replace "U364-U367" with "U364, U367"; remove "U375-U379"; replace "U381-U387, U389-U396" with "U387, U389, U394, U395"; replace "U400-U404" with "U404"; remove "and U407"						
amend table by adding language "(This listing does not apply to wastes generated from the manufacture of 3-iodo-2- propynyl n- butylcarbamate.)" at end of existing text for K156, K157 and K158	268.40 table	268.40 table	X			

¹ Note that there is a typographical error in the Federal Register. "Potassium hydroxymethyl-..." should be "Potassium hydroxymethyl-...". (62 FR 32977).

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 160

Land Disposal Restrictions Phase III -- Emergency Extension of the K088
 National Capacity Variance, Amendment
 62 FR 37694-37699
 July 14, 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 268 - LAND DISPOSAL RESTRICTIONS

SUBPART C - PROHIBITIONS ON LAND DISPOSAL

WASTE SPECIFIC PROHIBITIONS - SPENT ALUMINUM POTLINERS; REACTIVE; AND CARBAMATE WASTES

1 revise paragraph: replace "July 8" with "October 8"; replace "these wastes" with "this waste"; remove "on July 8, 1997" from last sentence	268.39(c)	268.39(c)	X			
--	-----------	-----------	---	--	--	--

1 According to the Office of Solid Waste in the EPA, the change of "these wastes" to "this waste" was unintentional. The final rule should only have changed the date in this paragraph. The previous wording was more consistent.

RCRA REVISION CHECKLIST 161

Emergency Revision of the Carbamate Land Disposal Restrictions
 62 FR 45568
 August 28, 1997
 (RCRA Cluster VIII, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 268 -- LAND DISPOSAL RESTRICTIONS						
SUBPART D -- TREATMENT STANDARDS						
APPLICABILITY OF THE TREATMENT STANDARDS						
replace "Between August 26, 1996 and August 26, 1997" with "Between August 26, 1997 and August 26, 1998"	268.40(g)	268.40(g)	X			
in footnote 6 to the table, replace "Between August 26, 1996 and August 26, 1997" with "Between August 26, 1997 and August 26, 1998"	268.48(a)/Table	268.48(a)/Table	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 162

Clarification of Standards for Hazardous Waste LDR Treatment Variances
 62 FR 64504-64509
 December 5, 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 268

SUBPART D - TREATMENT STANDARDS

† VARIANCES FROM A TREATMENT STANDARD

Guidance Note: 40 CFR 268.44(a)-(g) are not delegable because the variance addressed by these provisions could result in nationally-applicable standards for a new waste treatability group. States who have correctly adopted these provisions with the authority remaining with EPA are strongly encouraged to make the optional revisions to 40 CFR 268.44(a) addressed by this checklist.

completely revise paragraph; based on petition, Administrator may approve a variance from applicable treatment standard if:	268.44(a) intro	268.44(a) intro	X			
add new subparagraph; it is not physically possible to treat waste to level specified in or by method specified as the treatment standard; petitioner must demonstrate that physical/chemical properties of waste differ significantly from waste analyzed in developing treatment standard; or	268.44(a)(1)	268.44(a)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 162: Clarification of Standards
for LDR Treatment Variances (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 subparagraph; it is inappropriate to require waste to be treated to level specified or by method specified, even though such treatment is technically possible; petitioner must demonstrate that:	268.44(a)(2) intro	268.44(a)(2) intro	X			
add new subparagraph; treatment to specified level or by specified method is technically inappropriate; or	268.44(a)(2)(i)	268.44(a)(2)(i)	X			
add new subparagraph; for remediation waste only, treatment is environmentally inappropriate because it would discourage aggressive remediation	268.44(a)(2)(ii)	268.44(a)(2)(ii)	X			

completely revise paragraph; based on petition, Administrator or delegated representative may approve a site-specific variance from an applicable treatment standard if:	268.44(h) intro	268.44(h) intro	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 162: Clarification of Standards
for LDR Treatment Variances (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 subparagraph; it is not physically possible to treat waste to level specified in or by method specified as the treatment standard; petitioner must demonstrate that physical/chemical properties of waste differ significantly from waste analyzed in developing treatment standard; or	268.44(h)(1)	268.44(h)(1)	X			
add new subparagraph; it is inappropriate to require waste to be treated to level specified or by method specified, even though such treatment is technically possible; petitioner must demonstrate that:	268.44(h)(2) intro	268.44(h)(2) intro	X			
add new subparagraph; treatment to specified level or by specified method is technically inappropriate; or	268.44(h)(2)(i)	268.44(h)(2)(i)	X			
add new subparagraph; for remediation waste only, treatment is environmentally inappropriate because it would discourage aggressive remediation	268.44(h)(2)(ii)	268.44(h)(2)(ii)	X			

RCRA REVISION CHECKLIST 162: Clarification of Standards
for LDR Treatment Variances (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 subparagraph; public notice and opportunity for comment must be provided before granting or denying petition	268.44(h)(3)	268.44(h)(3)	x			
add paragraph; for all variances, petitioner must demonstrate that compliance with treatment variance is sufficient to minimize threats to human health and environment; in evaluating demonstration, EPA may take into account whether a treatment variance should be approved if the waste is to be used in manner constituting disposal under 40 CFR 266.20 through 266.23	268.44(m)	268.44(m)	x			
remove	268.44(p)	—	x			

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)	264.15(b)(4)	X			
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)	264.73(b)(6)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	264.1030(b)(3)	X			
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)	264.1030(c)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
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)	264.1030(e)	X			
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	264.1031	X			
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES						
redesignate paragraph (a)(2) as (a)(2)(i), except for last sentence	264.1033(a)(2)(i)	264.1033 (a)(2)(i)	X			
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)	264.1033 (a)(2)(ii)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	264.1033 (a)(2)(iii)	X			
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)	264.1033 (a)(2)(iv)	X			
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)	264.1050 (b)(3)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	264.1050(c)	X			
remove "a period of"; insert comma after "identified"	264.1050(f)	264.1050(f)	X			
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)	264.1060(a)	X			

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)	264.1060(b)(1)	X			
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)	264.1060(b)(2)	X			

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)	264.1060(b)(3)	X			
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)	264.1060(b)(4)	X			
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)	264.1062(b)(2)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	264.1062(b)(3)	X			

RECORDKEEPING REQUIREMENTS

delete "a period of"; insert "calendar" following "per"	264.1064(g)(6)	264.1064(g)(6)	X			
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)	264.1064(m)	X			

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)	264.1080(b)(1)	X			
---	----------------	----------------	---	--	--	--

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	264.1080(c)	X			
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)	264.1082(b)	X			
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)	264.1082(c) (2)(ix)(A)	X			
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)	264.1082(c) (2)(ix)(B)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
insert "or surface impoundment" following "tank"	264.1082(c)(3)	264.1082(c)(3)	X			
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)	264.1082(c)(4)(ii)	X			
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)	264.1083(a)(2)	X			
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)	264.1083(b)(1)	X			
STANDARDS: TANKS						
insert ", and any manifold system associated with the fixed roof," before "shall be"	264.1084(c)(2)(iii)	264.1084(c)(2)(iii)	X			

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)	264.1084(c) (2)(iii)(B)	X			
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)	264.1084(c) (2)(iii)(B)(1)	X			
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)	264.1084(c) (2)(iii)(B)(2)	X			
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)	264.1084(e)(4)	X			
replace "perimeter" with "diameter"	264.1084(f)(3)(i)(D)(4)	264.1084(f) (3)(i)(D)(4)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
replace "this subpart" with "this section"	264.1084(f)(3)(iii)	264.1084(f)(3)(iii)	X			
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)	264.1084(f)(4)	X			
add new paragraph; hazardous waste meets requirements of 264.1082(c)(4)	264.1084(j)(2)(iii)	264.1084(j)(2)(iii)	X			
STANDARDS: SURFACE IMPOUNDMENTS						
replace "sections" with "section"	264.1085(b)(2)	264.1085(b)(2)	X			
replace "for and designing" with "of construction and designing"	264.1085(d)(1)(iii)	264.1085(d)(1)(iii)	X			
insert "the" before "surface impoundment"	264.1085(d)(2)(i)(B)	264.1085(d)(2)(i)(B)	X			
add new paragraph; hazardous waste meets requirements of 264.1082(c)(4)	264.1085(e)(2)(iii)	264.1085(e)(2)(iii)	X			
STANDARDS: CONTAINERS						
replace "it" with "the container"; insert comma after "integrity"; replace comma after "permeability" with ":	264.1086(c)(2)	264.1086(c)(2)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	264.1086(c)(4)(i)	X			
replace "a submerged-fill" with "A submerged-fill"	264.1086(d)(2)	264.1086(d)(2)	X			
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)	264.1086(d)(4)(i)	X			
completely revise paragraph; to determine compliance with 264.1086(d)(1)(ii), use procedure specified in 264.1083(d)	264.1086(g)	264.1086(g)	X			

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)	264.1087(c)(3)(ii)	X			
insert "closed-vent system and" before the first occurrence of "control device"	264.1087(c)(7)	264.1087(c)(7)	X			

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
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)	264.1089(a)	X			
delete ", the following information"; replace "provisions" with "requirements"	264.1089(b)(1)(ii)(B)	264.1089(b)(i)(ii)(B)	X			
replace "or containers" with "and containers"; replace "(c)(2)" with "§§ 264.1082(c)(2)(i) through (c)(2)(vi)"	264.1089(f)(1)	264.1089(f)(1)	X			
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)	264.1089(j)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	264.1089(j)(1)	X			
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)	264.1089(j)(2)	X			

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)	265.15(b)(4)	X			
--	--------------	--------------	---	--	--	--

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)	265.73(b)(6)	X			
---	--------------	--------------	---	--	--	--

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1030(b)(3)	X			
1 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)	265.1030(d)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1033(a)(2)(i)	X			
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)	265.1033(a)(2)(ii)	X			

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
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)	265.1033(a) (2)(iii)	X			
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)	265.1033(a) (2)(iv)	X			
replace both occurrences of "oC" with "°C"	265.1033(f)(2)(vi)(B)	265.1033(f) (2)(vi)(B)	X			

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)	265.1050(b)(3)	X			
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)	265.1050(e)	X			
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)	265.1060(a)	X			
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)	265.1060(b)(1)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1060(b)(2)	X			
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)	265.1060(b)(3)	X			
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)	265.1060(b)(4)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1062(b)(2)	X			
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)	265.1062(b)(3)	X			
RECORDKEEPING REQUIREMENTS						
delete "a period of"	265.1064(g)(6)	265.1064(g)(6)	X			
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)	265.1064(m)	X			

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

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)	265.1080(b)(1)	X			
replace "October 6, 1996" with "December 6, 1996"	265.1080(c)	265.1080(c)	X			

DEFINITIONS

revise "In light material service"; replace "the vapor" with "The vapor"	265.1081	265.1081	X			
--	----------	----------	---	--	--	--

SCHEDULE FOR IMPLEMENTATION OF AIR EMISSION STANDARDS

replace "October 6, 1996" with "December 6, 1996"	265.1082(a)	265.1082(a)	X			
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)	265.1082(a)(1)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1082(a)(2)	X			
add "and waste management units, and complete modifications of production or treatment processes" after "equipment"	265.1082(a)(2)(i)	265.1082(a)(2)(i)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1082(a)(2)(ii)	X			
replace "October 6, 1996" with "December 6, 1996"	265.1082(a)(2)(iii)	265.1082(a)(2)(iii)	X			
replace "October 6, 1996" with "December 6, 1996"	265.1082(a)(2)(iv)	265.1082(a)(2)(iv)	X			
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)	265.1082(b)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1082(b)(1)	X			
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)	265.1082(b)(2)	X			
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)	265.1082(b)(2)(i)	X			
insert "of this part" after "§ 265.73"	265.1082(b)(2)(ii)	265.1082(b)(2)(ii)	X			
insert "of this part" after "§ 265.73"	265.1082(b)(2)(iii)	265.1082(b)(2)(iii)	X			

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)	265.1082(c)	X			
insert comma between "control equipment" and "and"	265.1082(d)	265.1082(c)	X			

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)	265.1083(b)	X			
replace "C" with "C,"	265.1083(c)(2)(i)	265.1083(c) (2)(i)	X			
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)	265.1083(c) (2)(ix)(A)	X			

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)	265.1083(c) (2)(ix)(B)	X			
add "or surface impoundment" after "tank"	265.1083(c)(3)	265.1083 (c)(3)	X			
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)	265.1083(c) (4)(ii)	X			
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)	265.1084(a)(2)	X			
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)	265.1084(a) (3)(ii)(B)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
replace "8260(B) or 8270(C)" with "8260 or 8270"	265.1084(a)(3)(iii)	265.1084(a)(3)(iii)	X			
no change	265.1084(a)(3)(iii)(A)	265.1084(a)(3)(iii)(A)	X			
replace both occurrences of "8260(B)" with "8260"	265.1084(a)(3)(iii)(F)	265.1084(a)(3)(iii)(F)	X			
replace both occurrences of "8270(C)" with "8270"	265.1084(a)(3)(iii)(G)	265.1084(a)(3)(iii)(G)	X			
insert ", introduction, and analysis" after "preparation"	265.1084(a)(3)(iii)(G)(1)	265.1084(a)(3)(iii)(G)(1)	X			
redesignate all except title as 265.1084(a)(3)(iv)(A)	265.1084(a)(3)(iv)	265.1084(a)(3)(iv)	X			
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)	265.1084(a)(3)(iv)(A)	X			

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)	265.1084(a) (3)(iv)(B)	X			
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)	265.1084(a) (3)(iv)(B)(1)	X			
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)	265.1084(a) (3)(iv)(B)(2)	X			
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)	265.1084(a) (3)(v)	X			

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)	265.1084(a) (4)(iv)	X			
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)	265.1084(b)(1)	X			
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)	265.1084(b) (3)(ii)(B)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
<p>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"</p>	265.1084(b)(3)(iii)	265.1084(b)(3)(iii)	X			
replace both occurrences of "8260(B)" with "8260"	265.1084(b)(3)(iii)(F)	265.1084(b)(3)(iii)(F)	X			
replace both occurrences of "8270(C)" with "8270"	265.1084(b)(3)(iii)(G)	265.1084(b)(3)(iii)(G)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1084(b)(3)(iv)	X			
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)	265.1084(b)(3)(v)	X			
revised by placing "MR = E _b - E _a " before "Where:"	265.1084(b)(8)(iii)	265.1084(b)(8)(iii)	X			
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)	265.1084(b)(9)(iv)	X			

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)	265.1084(c) (5)(ii)	X			
STANDARDS: TANKS						
insert ", and any manifold system associated with the fixed roof," following "fixed roof"	265.1085(c)(2)(iii)	265.1085(c) (2)(iii)	X			
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)	265.1085(c) (2)(iii)(B)	X			
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)	265.1085(c) (2)(iii)(B)(1)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1085(c) (2)(iii)(B)(2)	X			
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)	265.1085(e)(4)	X			
replace "perimeter" with "diameter"; replace "are then are" with "are then"	265.1085(f)(3)(i)(D)(4)	265.1085(f) (3)(i)(D)(4)	X			
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)	265.1085(f)(4)	X			
add new paragraph; hazardous waste meets requirements of 265.1083(c)(4)	265.1085(j)(2)(iii)	265.1085(j) (2)(iii)	X			
STANDARDS: SURFACE IMPOUNDMENTS						
replace "provisions" with "requirements"; replace "this sections" with "this section"	265.1086(b)(2)	265.1086(b)(2)	X			
replace "materials for" with "materials of construction"	265.1086(d)(1)(iii)	265.1086(d) (1)(iii)	X			

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)	265.1086(d) (2)(i)(B)	X			
add new paragraph; hazardous waste meets requirements of 265.1083(c)(4)	265.1086(e)(2)(iii)	265.1086(e) (2)(iii)	X			

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)	265.1087(c) (4)(i)	X			
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)	265.1087(d) (4)(i)	X			
completely revise paragraph; to determine compliance with 265.1087(d)(1)(ii), procedure specified in 265.1084(d) shall be used	265.1087(g)	265.1087(g)	X			

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)	265.1088(c) (3)(ii)	X			
insert "closed-vent system and" between "The" and "control"	265.1088(c)(7)	265.1088 (c)(7)	X			

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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)	265.1090(a)	X			
delete "the following information"; replace "the location" with "The location"	265.1090(b)(1)(ii)(B)	265.1090(b)(i)(iii)(B)	X			
3 replace "or (c)(2)" with "§ 265.1083(c)(2)(i) through (c)(2)(vi)"	265.1090(f)(1)	265.1090(f)(1)	X			
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(i)	265.1090(j)	X			

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:			
			EQUV- 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)	265.1090(j)(1)	X			
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)	265.1090(j)(2)	X			

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

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 ANALOGIS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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
Benzeneearsonic 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

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.
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 ANALOGIS:			
			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-Dichlorobenzonitrile ¹¹						1194-65-6
2,6-Dichloro-4-nitroaniline						99-30-9
2,5-Dichlorophenol						333-41-5
3,4-Dichlorotetrahydrofuran						3511-1 ^o
Dichlorvos (DDVP)						6273 ¹
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

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:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	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

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						301-04-7

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
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						62-75-5
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-

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-
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)	122.14(b)(5)	X			
--	--------------	--------------	---	--	--	--

- 1 Note the December 8, 1997 rule (62 FR 64636) added paragraph 265.1030(d). There is no 265.1030(c); therefore, it is assumed that 265.1030(c) is reserved.
- 2 At (b)(3)(iii) there is a typographical error. The internal reference to "(b)(4)(iii)" should be "(a)(4)(iii)".
- 3 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)".

RCRA REVISION CHECKLIST 165

Organobromine Production Wastes
 63 FR 24596-24628
 May 4, 1998
 as amended June 29, 1998, at 63 FR 35147
 (RCRA Cluster VIII, HSWA provisions)

Note: This rule makes changes to 40 CFR Part 148, addressing Land Disposal Restrictions for Underground Injection Programs. These changes are outside the Subtitle C program and are not addressed by this Revision Checklist.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART D - LISTS OF HAZARDOUS WASTE

HAZARDOUS WASTES FROM SPECIFIC SOURCES

revise table by adding in numerical order the K140 entry to the subgroup "Organic chemicals" as shown below:	261.32/table	261.32/table	X				
--	--------------	--------------	---	--	--	--	--

Industry and EPA hazardous waste No.	Hazardous waste	Hazard code
* * * * *		*
Organic chemicals:		
* * * * *		*
K140	Floor sweepings, off-specification product and spent filter media from the production of 2,4,6-tribromophenol.	(T)
* * * * *		*

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 165: Organobromine
Production Wastes (cont'd)

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

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF

revise table by adding in numerical order the U408 entry as shown below:	261.33(f)/table	261.33(+)/table	X				
--	-----------------	-----------------	---	--	--	--	--

Hazardous waste No.	Chemical abstracts No.	Substance
* * * *	* * * *	* * * *
U408	118-79-6	2,4,6-Tribromophenol.
* * * *	* * * *	* * * *

PART 261 - APPENDIX VII

BASIS FOR LISTING HAZARDOUS WASTE

add in alphanumeric order the K140 entry as shown below:	261 Appendix VII	261 Appendix VII	X				
--	------------------	------------------	---	--	--	--	--

EPA hazardous waste No.	Hazardous constituents for which listed
* * * *	* * * *
K140	2,4,6-Tribromophenol.
* * * *	* * * *

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 165: Organobromine
Production Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 261 - APPENDIX VIII

HAZARDOUS CONSTITUENTS

add in alphabetical order the entry for "2,4,6-Tribromophenol" as shown below:	261 Appendix VIII	261 Appendix VIII	X			
--	-------------------	-------------------	---	--	--	--

Common name	Chemical abstracts name	Chemical abstracts No.	Hazardous waste No.
2,4,6-Tribromophenol	Tribromophenol, 2,4,6-	118-79-6	U408

PART 268 - LAND DISPOSAL RESTRICTIONS

SUBPART C - PROHIBITIONS ON LAND DISPOSAL

WASTE-SPECIFIC PROHIBITIONS - ORGANOBROMINE WASTES

effective November 4, 1998, hazardous wastes K140 and U408 are prohibited from land disposal; soils and debris contaminated with the wastes, radioactive wastes mixed with the wastes, and soils and debris contaminated with these radioactive mixed wastes are also prohibited from land disposal	268.33(a)	268.33(a)	X			
requirements of §268.33(a) do not apply if:	268.33(b)	268.33(b)	X			
wastes meet applicable treatment standards specified in subpart D of part 268	268.33(b)(1)	268.33(b)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 165: Organobromine
Production Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
persons have been granted exemption from prohibition pursuant to petition under §268.6, with respect to wastes and units covered by petition	268.33(b)(2)	268.33(b)(2)	X			
wastes meet applicable treatment standards established pursuant to petition granted under §268.44	268.33(b)(3)	268.33(b)(3)	X			
hazardous debris has met treatment standards in §268.40 or alternative treatment standards in §268.45; or	268.33(b)(4)	268.33(b)(4)	X			
persons have been granted extension to effective date of prohibition pursuant to §268.5, with respect to wastes covered by extension	268.33(b)(5)	268.33(b)(5)	X			
to determine whether hazardous waste exceeds applicable treatment standards in §268.40, initial generator must test sample of waste extract or entire waste, or the generator may use knowledge of waste; if waste contains constituents in excess of Universal Treatment Standard levels of §268.48, waste is prohibited from land disposal, and all requirements of part 268 are applicable	268.33(c)	268.33(c)	X			

RCRA REVISION CHECKLIST 165: Organobromine
Production Wastes (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 D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

revise table by adding in alphanumeric order the entries for K140 and U408 as shown below:	268.40/table	268.40/table	X			
--	--------------	--------------	---	--	--	--

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Common Name	CAS ² number	Regulated Hazardous Constituent	
				Waste-waters Concentration in mg/L ³ ; or Technology Code ⁴	Non-waste-waters Concentration in mg/kg ⁵ unless noted as "Mg/L TCLP"; or Technology Code
K140	Floor sweepings, off-specification product, and spent filter media from the production of 2,4,6-tribromophenol.	2,4,6-Tribromophenol	118-79-6	0.035	7.4
U408	2,4,6-Tribromophenol	2,4,6-Tribromophenol	118-79-6	0.035	7.4

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 165: Organobromine
Production Wastes (cont'd)

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

UNIVERSAL TREATMENT STANDARDS

revise Universal Treatment Standards table by adding in alphabetical order the entry for "2,4,6-Tribromophenol" as shown below:	268.48(a)/table	268.48(a)/ table	K			
---	-----------------	---------------------	---	--	--	--

Universal Treatment Standards
[Note: NA means not applicable]

Regulated constituent/common name	CAS ¹ Number	Wastewater standard	Nonwastewater standard
		Concentration in mg/L ²	Concentration in mg/kg ³ unless noted as "mg/L TCLP"
2,4,6-Tribromophenol	118-79-6	0.035	7.4

¹ This is a new section added by the 63 FR 24596 (May 4, 1998) rule. Originally, §268.33 dealt with "Waste Specific Prohibitions – First Third Wastes," but pursuant to 62 FR 25998, 26022 (May 12, 1997) the section was removed and reserved effective August 11, 1997. The original §268.33 was included in the 1997 printed CFR with a clarifying note explaining that the section was removed by the May 12, 1997 rule, effective August 11, 1997.

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 166

Recycled Used Oil Management Standards; Technical Correction and Clarification

63 FR 24963-24969

May 6, 1998

as amended July 14, 1998, at 63 FR 37780-37782

(RCRA Cluster VIII, non-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 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
† REQUIREMENTS FOR HAZARDOUS WASTE GENERATED BY CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS						
1 no change	261.5(j)	261.5(j)	X			
† REQUIREMENTS FOR RECYCLABLE MATERIALS						
replace "266.40(e)" with "279.11"	261.6(a)(3)(iv)(A)	261.6(a)(3)(iv)(A)	X			
replace "266.40(e)" with "279.11"	261.6(a)(3)(iv)(B)	261.6(a)(3)(iv)(B)	X			
replace "266.40(e)" with "279.11"	261.6(a)(3)(iv)(C)	261.6(a)(3)(iv)(C)	X			
PART 279 - STANDARDS FOR THE MANAGEMENT OF USED OIL						
SUBPART B - APPLICABILITY						
† APPLICABILITY						
1 replace "40 CFR part 279" with "this part"	279.10(i)	279.10(i) *	X			

* The State retains the pre - May 6, 1998 wording therefore remains equivalent.

RCRA REVISION CHECKLIST 166: Recycled Used Oil
Management Standards; Technical Correction and Clarification (cont'd)

SPA 19

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† USED OIL STORAGE						
insert "that is" between "environment" and "not"; insert "and" between "chapter" and "which"; replace "authorized used oil program for" with "recycled used oil management program in effect in"	279.22(d)	279.22 (d)	X			
no change	279.22(d)(1)	279.22 (d)(1)	X			
no change	279.22(d)(2)	279.22 (d)(2)	X			
no change	279.22(d)(3)	279.22 (d)(3)	X			X
remove "to prevent further releases"	279.22(d)(4)	279.22 (d)(4)	X			

SUBPART E - STANDARDS FOR USED OIL TRANSPORTER AND TRANSFER FACILITIES

† USED OIL STORAGE AT TRANSFER FACILITIES

insert "that is" between "environment" and "not"; insert a comma after "part 280"; insert "of this chapter and" after "subpart F"; replace "authorized used oil program for" with "recycled used oil management program in effect in"	279.45(h)	279.45(h)	X			
no change	279.45(h)(1)	279.45(h)(1)	X			
replace "release" with "released"	279.45(h)(2)	279.45(h)(2)	X			
no change	279.45(h)(3)	279.45(h)(3)	X			
no change	279.45(h)(4)	279.45(h)(4)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 166: Recycled Used Oil
Management Standards; Technical Correction and Clarification (cont'd)

SPA 19

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

SUBPART F - STANDARDS FOR USED OIL PROCESSORS AND RE-REFINERS

† USED OIL MANAGEMENT

insert "that is" between "environment" and "not"; insert "and" between "chapter" and "which"; replace "authorized used oil program for" with "recycled used oil management program in effect in"	279.54(g)	279.54(g)	X			
no change	279.54(g)(1)	279.54(g)(1)	X			
no change	279.54(g)(2)	279.54(g)(2)	X			
replace "mange" with "manage"	279.54(g)(3)	279.54(g)(3)	X			
no change	279.54(g)(4)	279.54(g)(4)	X			

SUBPART G - STANDARDS FOR USED OIL BURNERS WHO BURN OFF-SPECIFICATION USED OIL FOR ENERGY RECOVERY

† USED OIL STORAGE

insert "that is" between "environment" and "not"; insert a comma after "part 280"; insert "of this chapter and" after "subpart F"; replace "authorized used oil program for" with "recycled used oil management program in effect in"	279.64(g)	279.64(g)	X			
no change	279.64(g)(1)	279.64(g)(1)	X			
no change	279.64(g)(2)	279.64(g)(2)	X			
no change	279.64(g)(3)	279.64(g)(3)	X			
no change	279.64(g)(4)	279.64(g)(4)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 166: Recycled Used Oil
Management Standards; Technical Correction and Clarification (cont'd)

SPA 19

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

SUBPART H - STANDARDS FOR USED OIL FUEL MARKETERS

† TRACKING

1 no change	279.74(b)	279.74(b)	X			
no change	279.74(b)(1)	279.74(b)(1)	X			
no change	279.74(b)(2)	279.74(b)(2)	X			
no change	279.74(b)(3)	279.74(b)(3)	X			
no change	279.74(b)(4)	279.74(b)(4)	X			

¹ The July 14, 1998 rule withdrew the revisions made by the May 6, 1998 rule at 40 CFR 261.5(j), 279.10(i), and 279.74(b) and made a correction at 40 CFR 279.10(i).

RCRA REVISION CHECKLIST 167 A

Land Disposal Restrictions Phase IV --
Treatment Standards for Metal Wastes
and Mineral Processing Wastes

63 FR 28556-28753

May 26, 1998

(RCRA Cluster VIII, HSWA provisions)

Notes: 1) This rule makes changes to 40 CFR Part 148, addressing Land Disposal Restrictions for Underground Injection Programs relative to mineral processing wastes. These changes are outside the Subtitle C program and are not addressed by this Revision Checklist.

2) On August 10, 1998 (63 FR 42580), a rule was promulgated to clarify the correct adoption sequence of the May 4, 1998 rule (63 FR 24596, CL 165), the May 26, 1998 rule (63 FR 28556, CL 167), and the June 29, 1998 (63 FR 35147) technical amendment to the May 4, 1998 rule, as they relate to the organobromine production waste entries at 40 CFR 268.40 and 268.48. The August 10, 1998 rule does not change the regulatory requirements promulgated by those rules, but merely clarifies that the typographical error in the May 4 rule, which was corrected by the June 29, 1998 technical amendment, was not included in the 40 CFR 268.40 and 268.48 tables that were completely reprinted on May 26, 1998 (CL 167). The August 10, 1998 rule added the effective date of the May 4, 1998 rule to the May 26, 1998 rule (CL 167) for those States adopting the organobromine entries as reprinted in the tables at 40 CFR 268.40 and 268.48.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART A - GENERAL						
DEFINITIONS APPLICABLE IN THIS PART						
insert "selenium, sulfides," after "except fluoride,;" delete comma after "hazardous waste"	268.2(i)	268.2(i)	X			
DILUTION PROHIBITED AS A SUBSTITUTE FOR TREATMENT						
add new paragraph; adding iron filings or other metallic forms of iron to lead-containing hazardous wastes to achieve land disposal restriction treatment standard for lead is a form of impermissible dilution and is prohibited; list of lead-containing wastes	268.3(d)	268.3(d)	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

SUBPART C - PROHIBITIONS ON LAND DISPOSAL

1 WASTE SPECIFIC PROHIBITIONS - TOXICITY CHARACTERISTIC METAL WASTES

effective August 24, 1998, the specified wastes are prohibited from land disposal	268.34(a)	268.34(a)	X			
effective May 26, 2000, the specified wastes are prohibited from land disposal	268.34(b)	268.34(b)	X			
between May 26, 1998 and May 26, 2000, newly identified characteristic wastes mixed with D004-D011 wastes, or mixed with newly identified characteristic mineral processing wastes, soil, or debris may be disposed in a landfill or surface impoundment if unit is in compliance with 268.5(h)(2)	268.34(c)	268.34(c)	X			
requirements of 268.34(a) & (b) do not apply if:	268.34(d) intro	268.34(d) intro	X			
wastes meet applicable treatment standards specified in part 268, subpart D	268.34(d)(1)	268.34(d)(1)	X			
persons have been granted an exemption from prohibition pursuant to a petition under 268.6, with respect to wastes & units covered	268.34(d)(2)	268.34(d)(2)	X			
wastes meet applicable alternate treatment standards pursuant to a petition under 268.44; or	268.34(d)(3)	268.34(d)(3)	X			

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
persons have been granted an exemption to the effective date of a prohibition pursuant to 268.5, with respect to wastes covered by extension	268.34(d)(4)	268.34(d)(4)	X			
to determine whether a hazardous waste exceeds treatment standards in 268.40, test the waste extract or entire waste, or use knowledge of the waste; if waste contains constituents in excess of applicable UTS levels of 268.48, waste is prohibited from land disposal and all requirements of 268 apply, except as specified	268.34(e)	268.34(e)	X			

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

replace "(D001-D003, and D012-D043)" with "(D001-D043)"; insert "and are not managed in a wastewater treatment system...injection well," after "Hazardous Wastes,"; replace "Table UTS," with "Table Universal Treatment Standards,"	268.40(e)	268.40(e)	X			
add new paragraph; prohibited D004-D011 mixed radioactive wastes & mixed radioactive listed wastes containing metals, previously treated & put into storage, do not have to be retreated	268.40(h)	268.40(h)	X			

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE IN SCOPL
prior to land disposal						
2 replace existing table with the table found at 63 <u>FR</u> 28643-28738 (May 26, 1998)	268.40/Table "Treatment Standards for Hazardous Wastes"	268.40/Table	+			

UNIVERSAL TREATMENT STANDARDS

Note: The revised numerical Universal Treatment Standards (UTS) for metal constituents Barium, Lead, Selenium, Beryllium, Nickel, Thallium, and Vanadium are less stringent (†) than existing standards and are optional for State adoption. The revised UTS for Cadmium, Chromium, Silver, Antimony and Zinc are more stringent. The UTS for Mercury is printed in the rule because of the ongoing discussion regarding changing the standards; however, at this time the UTS for Mercury remains unchanged.

3 replace existing table with the table found at 63 <u>FR</u> 28739-28750 (May 26, 1998)	268.48(a)/Table UTS	268.48(a)/ Table UTS	+			
--	---------------------	-------------------------	---	--	--	--

¹ CL 157 (62 FR 26022, May 12, 1997) removed and reserved § 268.34. The July 1, 1997 CFR contains the section, with a note indicating the removal effective August 11, 1997. The May 26, 1998 rule (63 FR 28556) instructions indicate that §268.34 is being revised, but the entire section is new since the section was reserved at the time the rule was promulgated.

² The CAS # for U408 which is listed on 63 FR 2838 should be "118-79-6" instead of "111-79-6" as printed.

³ Note also, that there is no change to the 2,4,6-tribromophenol entry in the UTS Table in 268.48, although that table has been revised to reflect the new UTS for metal constituents.

RCRA REVISION CHECKLIST 167 B

Land Disposal Restrictions Phase IV --
 Hazardous Soils Treatment Standards and Exclusions
 63 FR 28556-28753
 May 26, 1998
 (RCRA Cluster VIII, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART A - GENERAL						
DEFINITIONS APPLICABLE IN THIS PART						
† add new paragraph; definition of soil	268.2(k)	268.2(k)	X			†
TESTING, TRACKING, AND RECORDKEEPING REQUIREMENTS FOR GENERATORS, TREATERS, AND DISPOSAL FACILITIES						
† delete "Determine if the waste ...as follows:"; delete "a" after "generator of"; replace "§268.40 or §268.45" with "§268.40, §268.45, or §268.49"; after "before they can be land disposed" insert "and some soils are contaminated by such hazardous wastes"; after "These wastes" insert ", and soils contaminated with such wastes,"; after "they are managing a waste" insert "or soil contaminated with a waste,"	268.7(a)(1)	268.7(a)(1)	X			
† insert "or contaminated soil" after "If the waste"	268.7(a)(2)	268.7(a)(2)	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOP
† add new paragraph; for contaminated soil certification statement should be included, signed by an authorized representative; certification statement	268.7(a)(2)(i)	268.7(a)(2)(i)	X			
† add and reserve new paragraph	268.7(a)(2)(ii)	268.7(a)(2)(ii)	X			
† insert "or contaminated soil" after "If the waste" in the first sentence	268.7(a)(3) intro	268.7(a)(3) intro	X			
1,† completely revise; for contaminated soil, with initial shipment of wastes generator must send notice & place copy in file; notice to include information in 268.7(a)(4) table	268.7(a)(3)(ii)	268.7(a)(3)(ii)	X			
† insert "or contaminated soil" after "certain wastes" and after "hazardous wastes"	268.7(a)(4)	268.7(a)(4)	X			
†.2 for entry 1, insert "Numbers" after "Waste", replace "Manifest numbers" with "Manifest Number of first shipment"; for entry 3, replace parenthetical phrase with "in characteristic wastes" and delete "*" under 268.7(a)(3) column ; redesignate entry 8 as 9; add new 8 as indicated at 63 FR 28640	268.7(a)(4)/table	268.7(a)(4)/ Table	X			

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† insert "or contaminated soil" after "prohibited waste"	268.7(a)(5)	268.7(a)(5)	X			
† insert "or contaminated soil" after "that the waste"	268.7(a)(6)	268.7(a)(6)	X			
† insert "or contaminated soil" after "For wastes"; delete "as concentrations"; delete the comma after "chapter"	268.7(b)(1)	268.7(b)(1)	X			
† insert "or contaminated soil" after "For wastes"	268.7(b)(2)	268.7(b)(2)	X			
† insert "or contaminated soil" after "shipment of waste"	268.7(b)(3)	268.7(b)(3)	X			
† add new sentence & new certification statement after certification statement; a certification is also necessary for contaminated soil; certification statement	268.7(b)(4) intro	268.7(b)(4) intro	X			
† add new paragraph; generators & treaters who receive a determination that contaminated soil subject to 268.49(a) no longer contains a listed hazardous waste and determine that contaminated soil no longer exhibits a characteristic of hazardous waste must:	268.7(e) intro	268.7(e) intro	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROAD IN SCOPE
† add new subparagraph; prepare a one-time only documentation of determinations including supporting information and,	268.7(e)(1)	268.7(e)(1)	X			
† add new subparagraph; maintain that information in the facility files & other records for a minimum 3 years	268.7(e)(2)	268.7(e)(2)	X			

SUBPART D - TREATMENT STANDARDS

VARIANCE FROM A TREATMENT STANDARD

† redesignate 268.44(h)(3) as 268.44(h)(5); add new 268.44(h)(3); for contaminated soil only, treatment would result in hazardous constituent concentrations below that necessary to minimize threats to human health and environment; treatment variances must:	268.44(h)(3) intro	268.44(h)(3) intro	X			
† at a minimum, impose alternative land disposal restriction treatment standards that, using a reasonable maximum exposure scenario, meet the listed specifications	268.44(h)(3)(i)	268.44(h)(3)(i)	X			
	268.44(h)(3)(i)(A)	268.44(h)(3)(i)(A)	X			
	268.44(h)(3)(i)(B)	268.44(h)(3)(i)(B)	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† not consider post-land-disposal controls	268.44(h)(3)(ii)	268.44(h)(3)(ii)	X			
† add new paragraph; for contaminated soil only, treatment would result in hazardous constituent concentrations below natural background concentrations at the site of land disposal	268.44(h)(4)	268.44(h)(4)	X			
† redesignate former 268.44(h)(3) as 268.44(h)(5)	268.44(h)(5)	268.44(h)(5)	X			

3 ALTERNATIVE LDR TREATMENT STANDARDS FOR CONTAMINATED SOIL

† applicability; LDRs must be complied with prior to placing contaminated soil into a land disposal unit; chart describes whether compliance with LDRs is necessary prior to placing contaminated soil into a land disposal unit; add table as shown at 63 FR 28751(May 26, 1998)	268.49(a)	268.49(a)	X			
† prior to land disposal, contaminated soil identified by 268.49(a) must be treated according to 268.49(c) or 268.48 UTS applicable to contaminating waste and/or applicable characteristic; 268.49(c) treatment standards and the UTS may be modified through a variance	268.49(b)	268.49(b)	X			

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
approved under 268.44						
† treatment standards for contaminated soils; prior to land disposal, contaminated soil identified by 268.49(a) as needing to comply with LDRs must be treated according to 268.49(c)(1)-(3) or 268.48 UTS	268.49(c) intro	268.49(c) intro	X			
† all soils; prior to land disposal, all constituents subject to treatment must be treated according to standards specified	268.49(c)(1) intro	268.49(c)(1) intro	X			
	268.49(c)(1)(A)	268.49(c)(1)(A)	X			
	268.49(c)(1)(B)	268.49(c)(1)(B)	X			
	268.49(c)(1)(C)	268.49(c)(1)(C)	X			
† soils that exhibit characteristic of ignitability, corrosivity or reactivity; in addition to treatment required by 268.49(c)(1), prior to land disposal soils that exhibit a characteristic must be treated to eliminate characteristic	268.49(c)(2)	268.49(c)(2)	X			
† soils that contain nonanalyzable constituents; in addition to requirements of 268.49(c)(1)&(2),	268.49(c)(3) intro	268.49(c)(3) intro	X			
	268.49(c)(3)(A)	268.49(c)(3)(A)	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
	268.49(c)(3)(B)	268.49(c)(3)(B)	X			
† constituents subject to treatment; when applying soil treatment standards in 268.49(c), constituents subject to treatment are any listed in 268.48, Table UTS that are reasonably expected to be present, with exceptions, and are present at greater than 10 times the UTS	268.49(d)	268.49(d)	X			
† management of treatment residuals; treatment residuals from treating contaminated soil identified by 268.49(a) must be managed as follows:	268.49(e) intro	268.49(e) intro	X			
† soil residuals are subject to treatment standards of 268.49	268.49(e)(1)	268.49(e)(1)	X			
† non-soil residuals are subject to the standards specified	268.49(e)(2) intro	268.49(e)(2) intro	X			
	268.49(e)(2)(A)	268.49(e)(2)(A)	X			
	268.49(e)(2)(B)	268.49(e)(2)(B)	X			

¹ Note there is a typographical error at §268.7(a)(3)(ii) in the rule. The reference to "information in "268.7(a)(3) of the Generator" should be "information in column "268.7(a)(3)" of the Generator".

² There is a typographical error in the Table at 268.7(a)(4). At the #8 entry "complies with" should be "complies with]"

³ The entire section 268.49 was added by 63 FR 28556, May 26, 1998.

RCRA REVISION CHECKLIST 167 C

Land Disposal Restrictions Phase IV -- Corrections

63 FR 28556-28753

May 26, 1998

as amended at 63 FR 31266, June 8, 1998

(RCRA Cluster VIII, HSWA provisions)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 268 - LAND DISPOSAL RESTRICTIONS

SUBPART A - GENERAL

TREATMENT SURFACE IMPOUNDMENT EXEMPTION

replace colon after "at least annually" with a semicolon; delete second sentence beginning with "However, residues which are"	268.4(a)(2)(ii)	268.4(a)(2)(ii)	x			
insert period after "for subsequent management" and delete remainder of sentence	268.4(a)(2)(iii)	268.4(a)(2)(iii)	x			

TESTING, TRACKING, AND RECORDKEEPING REQUIREMENTS FOR GENERATORS, TREATERS, AND DISPOSAL FACILITIES

replace "restricted" with "prohibited"; after first occurrence of "or solid waste or" replace "exempt" with "is exempted"; delete comma after first occurrence of "Subtitle C regulation" and after "261.4(a)(2)"; insert "that" after	268.7(a)(7)	268.7(a)(7)	x			
--	-------------	-------------	---	--	--	--

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADEI IN SCOPE
<p>“261.4(a)(2) or”; insert “, or are managed in an underground injection well regulated by the SDWA” after “CWA-equivalent,”; replace “stating” with “describing”; insert “on-site” after “facility’s”; change “file” to “files”</p>						
<p>for entry 1, insert “Numbers” after “Waste”, replace “Manifest numbers” with “Manifest Number of first shipment” remove “*” from §268.7(b) column; for entry 2, replace parenthetical phrase with “in characteristic wastes”; redesignate entry 5 as 6; add new 5 as indicated at 63 FR 28640</p>	268.7(b)(3)(ii)/Table	268.7(b)(3)(ii) /Table	X			
<p>add new paragraph; for characteristic wastes subject to 268.40 that are reasonably expected to contain 268.2(i) hazardous constituents which are treated on-site and then sent off-site, the certification must state; certification</p>	268.7(b)(4)(iv)	268.7(b)(4)(iv)	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
statement						
add new paragraph; for characteristic wastes containing underlying hazardous constituents as defined in 268.2(i) that are treated on-site to hazardous constituent levels in 268.48, the certification must state; certification statement	268.7(b)(4)(v)	268.7(b)(4)(v)	X			
replace "treatment or storage" with "treatment, storage, or disposal"; insert comma after second occurrence of "storage"	268.7(b)(5)	268.7(b)(5)	X			
1 replace both references to "(b)(4)" with "(b)(3)"; replace reference to "(b)(5)" with "(b)(4)"	268.7(b)(6)	268.7(b)(6)	X			

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

2 replace "(D001 - D003, and D012-D043)" with "(D001-D043)"; insert "and are not managed in a wastewater treatment system...injection well," after "Hazardous Wastes,"; replace "Table UTS,"	268.40(e)	268.40(e)	X			
--	-----------	-----------	---	--	--	--

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOP.
with "Table Universal Treatment Standards,"						
2 replace existing table with the table found at 63 FR 28643-28738 (May 26, 1998)	268.40/table Treatment Standards for Hazardous Wastes*	268.40/table	X			

TREATMENT STANDARDS EXPRESSED AS SPECIFIED TECHNOLOGIES

remove "paragraphs (a)(1) and (a)(2) of this section and in"; replace "in paragraphs (a)(1) and (a)(2) and Table 1 of this section" with "in the table entitled "Technology... Standards" in this section"	268.42(a)	268.42(a)	X			
remove	268.42(a)(1) - (a)(3)	268.42(a)(1) - (a)(3)	X			

TREATMENT STANDARDS FOR HAZARDOUS DEBRIS

replace reference to "261.3(e)(2)" with "261.3(f)(2)"	268.45(a) intro	268.45(a) intro	X			
insert "treatment" after "meet the"; replace "under §268.43" with "in 'Treatment Standards for Hazardous Wastes' at §268.40"	268.45(d)(3)	268.45(d)(3)	X			
replace "technology-based standards for ... under §268.42" with "technology specified in the treatment standard for D001: Ignitable Liquids"	268.45(d)(4)	268.45(d)(4)	X			

UNIVERSAL TREATMENT STANDARDS

2 replace existing table with the table found at	268.48(a)/table UTS	268.48/table	X			
--	---------------------	--------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
63 FR 28739-28750 (May 26, 1998)						

APPENDIX VII TO PART 268

remove entries for waste code F033; revise second entry for F032, second entry for F034, first entry for K088, entries for D003-D011; add two entries for F035	Appendix VII, Table 1	<i>Appendix VII, Table 1</i>	x			
revise entry number 9 and add entries 12 and 13	Appendix VII, Table 2	<i>Appendix VII, Table 2</i>	x			

APPENDIX VIII TO PART 268

revise title; add in alphanumeric order the entry for "NA"	Appendix VIII	<i>Appendix VIII</i>	x			
--	---------------	----------------------	---	--	--	--

¹ The internal reference at 268.7(b)(6) has incorrectly been changed from "266.20(b)" to "268.20(b)". There is no 40 CFR 268.20; therefore, the original reference appears to have been correct and should be retained.

² Revisions made at 268.40(e), and the replacement of the 268.40 and 268.48 tables, are included on both Revision Checklists 167A and 167C as revisions were made to these tables both because of changes due to the new LDR Phase IV restrictions and because of corrections needed to the existing tables.

RCRA REVISION CHECKLIST 167 D

Mineral Processing Secondary Materials Exclusion
 63 FR 28556-28753
 May 26, 1998
 (RCRA Cluster VIII, non-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 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

DEFINITION OF SOLID WASTE

†,1	insert "(except as provided under 40 CFR 261.4(a)(15)). Materials noted with a "-" in column 3 of Table 1 are not solid wastes when reclaimed (except as provided under 40 CFR 261.4(a)(15))" at end of sentence	261.2(c)(3)	261.2(c)(3)	X			
†,1	revise Table 1 by inserting in third column heading "(except as provided in 261.4(a)(15) for mineral processing secondary materials)" following "Reclamation (§261.2(c)(3))"	261.2(c)(4)/Table	261.2(c)(4)/ Table	X			
†,1,2	add sentence; where materials are generated and reclaimed within the primary mineral processing industry, the conditions of the exclusion at 261.4(a)(15) apply <i>(16)</i>	261.2(e)(1)(iii)	261.2(e)(1)(iii)	X			

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
EXCLUSIONS						
† add new paragraph; secondary materials generated within the primary mineral processing industry from which minerals, acids, cyanide, water or other values are recovered, provided that:	261.4(a)(16) intro	261.4(a)(16) intro	X			
† add new subparagraph; secondary material is legitimately recycled to recover minerals, acids, cyanide, water or other values	261.4(a)(16)(i)	261.4(a)(16)(i)	X			
† add new subparagraph; secondary material is not accumulated speculatively	261.4(a)(16)(ii)	261.4(a)(16)(ii)	X			
†,1 add new subparagraph; except as provided in 261.4(a)(15)(iv), the secondary material is stored in tanks, containers, or buildings meeting the specified minimum integrity standards; if tanks or containers contain particulate subject to wind dispersal, owner/operator must operate units in a manner which controls fugitive dust; units must be designed, constructed and operated to prevent significant releases to the	261.4(a)(16)(iii)	261.4(a)(16)(iii)	X			

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
environment of these materials						
† add new subparagraph; Regional Administrator or State Director may make a site-specific determination that only solid mineral processing secondary materials may be placed on pads, rather than in tanks, containers, or buildings; solid mineral processing secondary materials do not contain free liquid; pads must be designed, constructed & operated to prevent significant releases and provide same degree of containment afforded by the non-RCRA tanks, containers & buildings eligible for exclusion	261.4(a)(16)(iv)	261.4(a)(16)(iv)	X			
† add new subparagraph; environmental considerations for pads	261.4(a)(16)(iv)(A)	261.4(a)(16)(iv)(A)	X			
† add new subparagraph; minimum standards for pads	261.4(a)(16)(iv)(B)	261.4(a)(16)(iv)(B)	X			
† add new subparagraph; notice and comment opportunity requirements before decision	261.4(a)(16)(iv)(C)	261.4(a)(16)(iv)(C)	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† add new paragraph; owner/operator provides notice to Regional Administrator or State Director identifying specified information; notification must be updated when type of materials recycled or location changes	261.4(a)(16)(v)	261.4(a)(16)(v)	X			
† add new paragraph; for purposes of 261.4(b)(7), mineral processing secondary materials must be the result of mineral processing & may not contain listed hazardous wastes; listed & characteristic hazardous wastes generated by non-mineral processing industries are not eligible for exclusion	261.4(a)(16)(vi)	261.4(a)(16)(vi)	X			

US EPA ARCHIVE DOCUMENT

¹ Note that there are typographical errors at 261.2(c)(3), 261.2(c)(4) [Table heading], 261.2(e)(1)(iii) and 261.4(a)(16)(iii). All make reference to "261.4(a)(15)", the Kraft Mill Steam Strippers exclusion, when they should be referring to "261.4(a)(16)" the exclusion for secondary materials generated by the primary mineral processing industry.

² The preamble to the May 26, 1998 (CL 167D) rule indicates that language is being added to the existing provision at 261.2(e)(1)(iii). The instructions indicate that the paragraph is being revised. It is not EPA's intention to remove the existing language and replace it with the May 26, 1998 provision. EPA intends to issue a technical correction which clarifies this provision. Until that amendment is available, it is recommended that the new sentence be added at the end of the existing provision.

RCRA REVISION CHECKLIST 167 E

Bevill Exclusion Revisions and Clarifications
 63 FR 28556-28753
 May 26, 1998
 (RCRA Cluster VIII, non-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 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
DEFINITION OF HAZARDOUS WASTE						
following "identified in subpart C", replace "except that" with "of this part. However,"; following "under subpart C", replace "of this part" with "is a hazardous waste"; in second sentence, insert a comma following "had not occurred"	261.3(a)(2)(i)	<i>261.3(a)(2)(i)</i>	X			
remains unchanged even though included in this rule	261.3(a)(2)(iii)	<i>261.3(a)(2)(iii)</i>	X			
EXCLUSIONS						
† revise 261.4(b)(7) as 261.4(b)(7), (b)(7)(i), & (b)(7)(ii); new 261.4(b)(7) is now unchanged first sentence of old 261.4(b)(7)	261.4(b)(7) intro	<i>261.4(b)(7) intro</i>	X			
† new 261.4(b)(7)(i) is second sentence of old 261.4(b)(7) with the following revisions: delete comma following "§261.4(b)(7)";	261.4(b)(7)(i)	<i>261.4(b)(7)(i)</i>	X			

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
replace colon following "activities" with a semicolon; use lower case with "crushing"						
† new 261.4(b)(7)(ii) is third sentence of old 261.4(b)(7) with the following revisions: replace "For the purpose" with "For the purposes"; insert "as generated" after "the following wastes"	261.4(b)(7)(ii)	261.4(b)(7)(ii)	x			
† redesignate old 261.4(b)(7)(i) - (xx) as 261.4(b)(7)(ii)(A) - (T)	261.4(b)(7)(ii)(A) - (T)	261.4(b)(7)(ii)(A) - (T)	x			
† add new paragraph; a residue derived from co-processing mineral processing secondary materials with normal beneficiation raw materials remains excluded under 261.4(b) if owner/operator meets specified conditions	261.4(b)(7)(iii)	261.4(b)(7)(iii)	x			
	261.4(b)(7)(iii)(A)	261.4(b)(7)(iii)(A)	x			
	261.4(b)(7)(iii)(B)	261.4(b)(7)(iii)(B)	x			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 167 F

Exclusion of Recycled Wood Preserving Wastewaters
 63 FR 28556-28753
 May 26, 1998
 (RCRA Cluster VIII, non-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 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A - GENERAL

EXCLUSIONS

add new paragraph; prior to reuse, wood preserving wastewaters and spent wood preserving solutions described in 261.4(a)(9)(i)&(ii), so long as they meet all specified conditions	261.4(a)(9)(iii)	261.4(a)(9)(iii)	x			
†	261.4(a)(9)(iii)(A)	261.4(a)(9)(iii)(A)	x			
	261.4(a)(9)(iii)(B)	261.4(a)(9)(iii)(B)	x			
	261.4(a)(9)(iii)(C)	261.4(a)(9)(iii)(C)	x			
	261.4(a)(9)(iii)(D)	261.4(a)(9)(iii)(D)	^			
	261.4(a)(9)(iii)(E)	261.4(a)(9)(iii)(E)	^			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168

Hazardous Waste Combustors; Revised Standards

63 FR 33782 - 33829

June 19, 1998

(RCRA Cluster VIII, non-HSWA provisions)

Note that the June 19, 1998 rule addressed by this checklist makes amendments addressing the Clean Air Regulations. These changes are not necessary for RCRA authorization for this rule; however, of concern are those places within the RCRA regulations which reference changes made to the Clean Air Regulations. In these situations, a State must reference regulations analogous to the referenced provisions. A State may, if it has chosen to adopt these optional Clean Air Regulation changes, reference its own corresponding analog. If has chosen not to adopt them, a State should retain the reference to the Federal regulations. Those provisions where this issue of concern have been indicated with a "✓" in the far left margin.

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
EXCLUSIONS						
1,† add paragraph; comparable fuels or syngas fuels that meet requirements of 261.38	261.4(a) ¹⁷ (16)	261.4(a)(17)	X			
SUBPART D - LISTS OF HAZARDOUS WASTES						
2,† COMPARABLE/SYNGAS FUEL EXCLUSION						
wastes meeting following comparable/syngas fuel requirements are not solid wastes:	261.38 intro	261.38 intro	X			
comparable fuels; physical and constituent specifications	261.38(a) intro	261.38(a) intro	X			
	261.38(a)(1) intro	261.38(a)(1) intro				
	261.38(a)(1)(i)	261.38(a)(1)(i)				
	261.38(a)(1)(ii)	261.38(a)(1)(ii)				
	261.38(a)(2)	261.38(a)(2)				
synthesis gas fuel specifications	261.38(b) intro	261.38(b) intro	X			
	261.38(b)(1)	261.38(b)(1)				

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	261.38(b)(2)	261.38(b)(2)				
	261.38(b)(3)	261.38(b)(3)				
	261.38(b)(4)	261.38(b)(4)	X			
	261.38(b)(5)	261.38(b)(5)				
Detection and Detection Limit Values for Comparable Fuel Specification	261.38/Table 1	261.38 Table 1	X			
implementation; waste meeting comparable or syngas fuel specification is excluded from the definition of solid waste provided following requirements are met:	261.38(c) intro	261.38(c) intro	X			
notices; person claiming and qualifying for exclusion is comparable/syngas fuel generator; person burning fuel is comparable/syngas burner; generator must claim and certify exclusion	261.38(c)(1)	261.38(c)(1)	X			
State RCRA and CAA Directors in authorized States or Regional RCRA and CAA Directors in unauthorized States	261.38(c)(1)(i) intro	261.38(c)(1)(i) intro	X			
generator must submit one-time notice certifying compliance with conditions of exclusion and providing required documentation	261.38(c)(1)(i)(A)	261.38(c)(1)(i)(A)	X			
generator shall specify facility(ies) generating comparable/syngas fuel	261.38(c)(1)(i)(B)	261.38(c)(1)(i)(B)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
generator's notification requirements	261.38(c)(1)(i)(C) intro	261.38(c)(1)(i)(C) <i>intro</i>				
	261.38(c)(1)(i)(C)(1)	261.38(c)(1)(i)(C)(1)				
	261.38(c)(1)(i)(C)(2)	261.38(c)(1)(i)(C)(2)	X			
	261.38(c)(1)(i)(C)(3)	261.38(c)(1)(i)(C)(3)				
	261.38(c)(1)(i)(C)(4)	261.38(c)(1)(i)(C)(4)				
public notice; prior to burning excluded comparable/syngas fuel, burner must publish notice; information requirements	261.38(c)(1)(ii) intro	261.38(c)(1)(ii) <i>intro</i>				
	261.38(c)(1)(ii)(A)	261.38(c)(1)(ii)(A)				
	261.38(c)(1)(ii)(B)	261.38(c)(1)(ii)(B)				
	261.38(c)(1)(ii)(C)	261.38(c)(1)(ii)(C)	X			
	261.38(c)(1)(ii)(D)	261.38(c)(1)(ii)(D)				
261.38(c)(1)(ii)(E)	261.38(c)(1)(ii)(E)					
burning; exclusion for comparable/syngas fuel applies only if fuel is burned in units subject to Federal/State/local air emission requirements, including applicable CAA MACT requirements	261.38(c)(2) intro	261.38(c)(2) <i>intro</i>	X			
industrial furnaces as defined in § 260.10	261.38(c)(2)(i)	261.38(c)(2)(i)	X			
boilers as defined in § 260.10, and	261.38(c)(2)(ii) intro	261.38(c)(2)(ii) <i>intro</i>	X			
industrial boilers located on facility engaged in manufacturing process where substances are transformed into new products, including component parts of products, by mechanical or chemical processes; or	261.38(c)(2)(ii)(A)	261.38(c)(2)(ii) (A)	X			

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
utility boilers used to produce electric power, steam, heated or cooled air, or other gases or fluids for sale	261.38(c)(2)(ii)(B)	261.38(c)(2)(ii)(B)	X			
hazardous waste incinerators subject to regulation under subpart O of parts 264 and 265, or applicable CAA MACT standards	261.38(c)(2)(iii)	261.38(c)(2)(iii)	X			
blending to meet viscosity specification; hazardous waste blending requirements	261.38(c)(3) intro	261.38(c)(3) intro				
	261.38(c)(3)(i)	261.38(c)(3)(i)				
	261.38(c)(3)(ii)	261.38(c)(3)(ii)	X			
	261.38(c)(3)(iii)	261.38(c)(3)(iii)				
treatment to meet comparable fuel exclusion specifications	261.38(c)(4) intro	261.38(c)(4) intro	X			
hazardous waste may be treated to meet exclusion specification if standards are met; treatment standards	261.38(c)(4)(i) intro	261.38(c)(4)(i) intro				
	261.38(c)(4)(i)(A)	261.38(c)(4)(i)(A)				
	261.38(c)(4)(i)(B)	261.38(c)(4)(i)(B)	X			
	261.38(c)(4)(i)(C)	261.38(c)(4)(i)(C)				
residuals resulting from treatment of listed subpart D hazardous waste to generate a comparable fuel remain hazardous waste	261.38(c)(4)(ii)	261.38(c)(4)(ii)	X			
generation of a syngas fuel	261.38(c)(5) intro	261.38(c)(5) intro	X			
syngas fuel can be generated from processing hazardous wastes to meet exclusion specification; processing standards	261.38(c)(5)(i) intro	261.38(c)(5)(i) intro				
	261.38(c)(5)(i)(A)	261.38(c)(5)(i)(A)				
	261.38(c)(5)(i)(B)	261.38(c)(5)(i)(B)	X			
	261.38(c)(5)(i)(C)	261.38(c)(5)(i)(C)				

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
residuals resulting from treatment of listed subpart D hazardous waste to generate a comparable fuel remain hazardous waste	261.38(c)(5)(ii)	261.38(c)(5)(ii)	X			
dilution prohibition for comparable/syngas fuels	261.38(c)(6)	261.38(c)(6)	X			
waste analysis plans; generator shall develop and follow written waste analysis plan; plan shall be developed in accordance with SW-846 and followed/retained at facility excluding waste	261.38(c)(7) intro	261.38(c)(7) intro	X			
minimum specifications for waste analysis plan	261.38(c)(7)(i) intro	261.38(c)(7)(i) intro	X			
	261.38(c)(7)(i)(A)	261.38(c)(7)(i)(A)				
	261.38(c)(7)(i)(B)	261.38(c)(7)(i)(B)				
	261.38(c)(7)(i)(C)	261.38(c)(7)(i)(C)				
	261.38(c)(7)(i)(D)	261.38(c)(7)(i)(D)				
	261.38(c)(7)(i)(E)	261.38(c)(7)(i)(E)				
waste analysis plan recording requirements	261.38(c)(7)(ii) intro	261.38(c)(7)(ii) intro	X			
	261.38(c)(7)(ii)(A)	261.38(c)(7)(ii)(A)				
	261.38(c)(7)(ii)(B)	261.38(c)(7)(ii)(B)				
	261.38(c)(7)(ii)(C)	261.38(c)(7)(ii)(C)				
	261.38(c)(7)(ii)(D)	261.38(c)(7)(ii)(D)				
	261.38(c)(7)(ii)(E)	261.38(c)(7)(ii)(E)				
	261.38(c)(7)(ii)(F)	261.38(c)(7)(ii)(F)				
	261.38(c)(7)(ii)(G)	261.38(c)(7)(ii)(G)				
	261.38(c)(7)(ii)(H)	261.38(c)(7)(ii)(H)				

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
waste analysis plan shall be submitted prior to performing sampling, analysis or management of syngas fuel as excluded waste; approval of plan must be in writing and received by facility prior to sampling and analysis; plan approval may contain provisions and conditions as regulatory authority deems appropriate	261.38(c)(7)(iii)	261.38(c)(7)(iii)	X			
comparable fuel sampling and analysis	261.38(c)(8) intro	261.38(c)(8) intro	X			
for each excluded waste generator must test for constituents in Part 261 Appendix VIII, except those generator determines by testing or knowledge to not be present in waste; generator required to document basis of each decision; generator may not determine certain categories of constituents should not be present	261.38(c)(8)(i) intro	261.38(c)(8)(i) intro				
	261.38(c)(8)(i)(A)	261.38(c)(8)(i)(A)				
	261.38(c)(8)(i)(B)	261.38(c)(8)(i)(B)	X			
	261.38(c)(8)(i)(C)	261.38(c)(8)(i)(C)				
	261.38(c)(8)(i)(D)	261.38(c)(8)(i)(D)				
for each excluded waste where generator of comparable/syngas fuel is not original generator, generator of comparable/syngas fuel may not use process knowledge and must test to determine constituent specifications	261.38(c)(8)(ii)	261.38(c)(8)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
generator may use any reliable analytical method to demonstrate no constituent of concern is present above specification levels; responsibility of generator to ensure unbiased, precise, and representative sampling and analysis; waste is eligible for exclusion if:	261.38(c)(8)(iii) intro	261.38(c)(8)(iii) intro	X			
each constituent of concern is not present above specification level at 95% upper confidence limit around mean, and	261.38(c)(8)(iii)(A)	261.38(c)(8)(iii)(A)	X			
analysis could have detected presence of constituent at or below specification level at 95% upper confidence limit around mean	261.38(c)(8)(iii)(B)	261.38(c)(8)(iii)(B)	X			
nothing preempts, overrides or negates 262.11 provision which requires generators of solid waste to determine if waste is hazardous waste	261.38(c)(8)(iv)	261.38(c)(8)(iv)	X			
in enforcement action, burden of proof to establish conformance with exclusion specification shall be on generator	261.38(c)(8)(v)	261.38(c)(8)(v)	X			
generator must conduct sampling and analysis in accordance with waste analysis plan	261.38(c)(8)(vi)	261.38(c)(8)(vi)	X			

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
syngas and comparable fuel not blended to meet kinematic viscosity specification shall be analyzed as generated	261.38(c)(8)(vii)	261.38(c)(8)(vii)	X			
if comparable fuel blended to meet kinematic viscosity specification generator shall:	261.38(c)(8)(viii) intro	261.38(c)(8)(viii) intro	X			
analyze fuel as generated to ensure meeting constituent and heating value specifications	261.38(c)(8)(viii)(A)	261.38(c)(8)(viii) (A)	X			
after blending, analyze fuel again to ensure blended fuel meets comparable/syngas fuel specifications	261.38(c)(8)(viii)(B)	261.38(c)(8)(viii) (B)	X			
excluded comparable/syngas fuel must be re-tested at least annually and after a process change that could change chemical or physical properties of waste	261.38(c)(8)(ix)	261.38(c)(8)(ix)	X			
speculative accumulation; any persons handling comparable/syngas fuel are subject to speculative accumulation test under 261.2(c)(4)	261.38(c)(9)	261.38(c)(9)	X			
records; generator must maintain certain records on-site	261.38(c)(10) intro	261.38(c)(10) intro	X			
information required to be submitted to implementing authority as part of notification of claim	261.38(c)(10)(i) intro	261.38(c)(10)(i) intro	X			
	261.38(c)(10)(i)(A)	261.38(c)(10)(i)(A)				
	261.38(c)(10)(i)(B)	261.38(c)(10)(i)(B)				
	261.38(c)(10)(i)(C)	261.38(c)(10)(i)(C)				

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
brief description of process generating hazardous waste and process generating excluded fuel, if not same	261.38(c)(10)(ii)	261.38(c)(10)(ii)	X			
estimate of average and maximum monthly and annual quantities of each waste claimed for exclusion	261.38(c)(10)(iii)	261.38(c)(10)(iii)	X			
documentation for any claim that constituent is not present in hazardous waste	261.38(c)(10)(iv)	261.38(c)(10)(iv)	X			
results of all analyses and all detection limits achieved	261.38(c)(10)(v)	261.38(c)(10)(v)	X			
required documentation if excluded waste was generated through treatment or blending	261.38(c)(10)(vi)	261.38(c)(10)(vi)	X			
certification from burner if waste is shipped off-site	261.38(c)(10)(vii)	261.38(c)(10)(vii)	X			
waste analysis plan and results of sampling and analysis	261.38(c)(10)(viii) intro	261.38(c)(10)(viii) intro	X			
required analysis and sampling information	261.38(c)(10)(viii)(A)	261.38(c)(10)(viii)(A)	X			
	261.38(c)(10)(viii)(B)	261.38(c)(10)(viii)(B)				
	261.38(c)(10)(viii)(C)	261.38(c)(10)(viii)(C)				
	261.38(c)(10)(viii)(D)	261.38(c)(10)(viii)(D)				
	261.38(c)(10)(viii)(E)	261.38(c)(10)(viii)(E)				
	261.38(c)(10)(viii)(F)	261.38(c)(10)(viii)(F)				
	261.38(c)(10)(viii)(G)	261.38(c)(10)(viii)(G)				
	261.38(c)(10)(viii)(H)	261.38(c)(10)(viii)(H)				

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if fuel is shipped off-site for burning, generator must retain shipment information on-site; information requirements	261.38(c)(10)(ix) intro	261.38(c)(10)(ix) intro				
	261.38(c)(10)(ix)(A)	261.38(c)(10)(ix)(A)				
	261.38(c)(10)(ix)(B)	261.38(c)(10)(ix)(B)				
	261.38(c)(10)(ix)(C)	261.38(c)(10)(ix)(C)	X			
	261.38(c)(10)(ix)(D)	261.38(c)(10)(ix)(D)				
	261.38(c)(10)(ix)(E)	261.38(c)(10)(ix)(E)				
records retention; records must be maintained for three years; generator must maintain current waste analysis plan during three-year period	261.38(c)(11)	261.38(c)(11)	X			
burner certification; prior to submitting notification, generator intending to ship fuel off-site for burning must obtain one-time written, signed statement from burner; certification information requirements	261.38(c)(12) intro	261.38(c)(12) intro				
	261.38(c)(12)(i)	261.38(c)(12)(i)				
	261.38(c)(12)(ii)	261.38(c)(12)(ii)	X			
	261.38(c)(12)(iii)	261.38(c)(12)(iii)				
ineligible waste codes; wastes listed because of presence of dioxins or furans are not eligible for exclusion, and fuel produced from or containing these wastes remains hazardous waste subject to full RCRA requirements	261.38(c)(13)	261.38(c)(13)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (cont'd)

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

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

SUBPART D - CHANGES TO PERMITS

PERMIT MODIFICATION AT THE REQUEST OF THE PERMITTEE

† add new paragraph; combustion facility changes to meet part 63 MACT standards; procedures apply to hazardous waste combustion facility permit modifications requested under Appendix I of 270.42, section L(9)	270.42(j) intro	122.42(j) intro	X			
	270.42(j)(1)	122.42(j)(1)	X			
	270.42(j)(2)	122.42(j)(2)	X			
† add entry L(9) as follows:	270.42 Appendix I	122.42 Appendix I	X			

Modification	Class
* * * * *	* * * * *
L. Incinerators, Boilers and Industrial Furnaces	1 1
* * * * *	* * * * *
9. Technology Changes Needed to meet Standards under 40 CFR part 63 (Subpart EEE - National Emission Standards for Hazardous Air Pollutants From Hazardous Waste Combustors), provided the procedures of §270.42(i) are followed.	
* * * * *	* * * * *

¹ Class 1 modifications requiring Agency prior approval.

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 168: Hazardous Waste Combustors
Revised Standards (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 G - INTERIM STATUS

CHANGES DURING INTERIM STATUS

† add paragraph; changes necessary to comply with standards under 40 CFR part 63, Subpart EEE - National Emission Standards for Hazardous Air Pollutants From Hazardous Waste Combustors	270.72(b)(8)	122.72(b)(8)	X			
--	--------------	--------------	---	--	--	--

- 1 There is a typographical error in the 63 FR 33782 (6/19/98) rule. The new paragraph 261.4(a)(16) should be numbered 261.4(a)(17). Paragraph 261.4(a)(16) was added by 63 FR 28556 (May 26, 1998, Revision Checklist 167).
- 2 The entire section at 40 CFR 261.38 was added by the June 19, 1998 rule (63 FR 33782; Revision Checklist 168).

RCRA REVISION CHECKLIST 169

Petroleum Refining Process Wastes
 63 FR 42110-42189
 August 6, 1998
 (RCRA Cluster IX, HSWA/Non-HSWA provisions)

Note: The revisions to 40 CFR 261.32, Part 261 Appendix VII, 268.35 and 268.40 are promulgated pursuant to HSWA. These regulations become effective on the Federal effective date in all States. The revision to 40 CFR 266.100 is promulgated pursuant to HSWA, but it is optional for adoption. The revisions to 40 CFR Part 261.3, 261.4, and 261.6 are promulgated relative to non-HSWA authority. The non-HSWA revisions related to the exclusions from the definition of solid waste of certain oil-bearing hazardous secondary material from petroleum refining and certain recovered oils from associated petrochemicals are optional. The addition of 40 CFR 261.4(a)(19) is a clarifying change and States are not required to make it because they do not need further authorization to interpret their regulations in accordance with this clarification. Those provisions designated as HSWA are identified by a "♦" (diamond symbol) in this checklist.

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
DEFINITION OF HAZARDOUS WASTE						
† insert “, provided that the wastes...separation” after “§ 261.32”; insert “crude oil storage tank sediment ... (EPA Hazardous Waste No. K172)” after “(EPA Hazardous Waste No. K050)	261.3(a)(2)(iv)(C)	261.3(a)(2)(iv)(C)	x			
†,1 replace “§ 261.6(a)(3)(iv) through (vi) “with “§ 261.6(a)(3)(iii) and (iv)”	261.3(c)(2)(ii)(B)	261.3(c)(2)(i)(13)	x			

RCRA REVISION CHECKLIST 169: Petroleum Refining Process Wastes (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 subparagraph; catalyst inert support media separated from wastes listed in § 261.32 – Spent hydrotreating catalyst and spent hydrorefining catalyst	261.3(c)(2)(ii)(E)	261.3(c)(2)(ii)(E)	X			

EXCLUSIONS

†,2 completely revise 261.4(a)(12) as 261.4(a)(12)(i)&(ii); oil-bearing hazardous secondary materials generated at petroleum refinery and inserted into the refining process unless the material is placed on land or speculatively accumulated before recycled; non-characteristic materials inserted into thermal cracking units; oil-bearing hazardous secondary materials inserted into same refinery where generated, or sent directly to another refinery; oil-bearing hazardous secondary materials generated elsewhere in petroleum industry are not excluded; residuals generated from materials excluded under 261.4(a)(12)(i) that would have otherwise met listing under 261 subpart D, are designated as F037 listed wastes when disposed of or intended for disposal	261.4(a)(12)(i)	261.4(a)(12)(i)	X			
--	-----------------	-----------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 169: Petroleum Refining Process Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
†,2 recovered oil recycled in same manner and conditions as in 261.4(a)(12)(i); recovered oil is oil reclaimed from secondary materials generated from normal petroleum industry practices; recovered oil does not include oil-bearing hazardous wastes listed in 261 subpart D, however, oil recovered from such wastes may be considered recovered oil; recovered oil does not include used oil as defined in 279.1	261.4(a)(12)(ii)	261.4(a)(12)(i)	X			
† add new paragraph; petrochemical recovered oil from associated organic chemical manufacturing facility, where oil is inserted into refining process with normal process streams provided:	261.4(a)(18)	261.4(a)(18)	X			
† oil is hazardous only because it exhibits characteristic of ignitability and/or toxicity for benzene; and	261.4(a)(18)(i)	261.4(a)(18)(i)	X			
† oil generated is not placed on land or speculatively accumulated before recycled; definitions of "associated organic chemical manufacturing facility" and "petrochemical recovered oil"	261.4(a)(18)(ii)	261.4(a)(18)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 169: Petroleum Refining Process Wastes (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; spent caustic solutions from petroleum refining liquid treating processes used as feedstock to produce cresylic or naphthenic acid unless material is placed on land or accumulated speculatively as defined in 261.1(c)	261.4(a)(19)	261.4(a)(19)	x			

REQUIREMENTS FOR RECYCLABLE MATERIALS

† at end of paragraph, replace “; and” with a period	261.6(a)(3)(iv)(C)	261.6(a)(3)(iv)(C)	x			x
†,2 remove	261.6(a)(3)(v)	-	x			

SUBPART D – LISTS OF HAZARDOUS WASTES

HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES

†,3 revise entry for F037; remove colon after “those generated in”; replace period with a comma after “receiving dry weather flow”; use lower case with “Sludge”; add new sentence to end of description regarding the inclusion of excluded residuals generated from processing or recycling oil-bearing hazardous secondary materials if to be disposed	261.31(a)	261.31(a)	x			
---	-----------	-----------	---	--	--	--

RCRA REVISION CHECKLIST 169: Petroleum Refining Process Wastes (cont'd)

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

HAZARDOUS WASTES FROM SPECIFIC SOURCES

◆ add following waste streams to subgroup "Petroleum refining", in alphanumeric order	261.32	261.32	X			
---	--------	--------	---	--	--	--

Industry and EPA hazardous waste No. Hazardous Waste Hazard code

Petroleum refining:

- K169 Crude oil storage tank sediment from petroleum refining operations (T)
- K170 Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations (T)
- K171 Spent Hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (this listing does not include inert support media). (I,T)
- K172 Spent Hydrorefining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (this listing does not include inert support media). (I,T)

APPENDIX VII TO PART 261

BASIS FOR LISTING HAZARDOUS WASTE

◆ add to appendix in alphanumeric order, the following waste streams to subgroup "Petroleum refining"	261 Appendix VII	261 Appendix VII	X			
---	------------------	------------------	---	--	--	--

EPA hazardous waste No. Hazardous constituents for which listed

- K169 Benzene.
- K170 Benzo(a)pyrene, dibenz(a,h)anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, 3-methylcholanthrene, 7,12-dimethylbenz(a)anthracene.
- K171 Benzene, arsenic.
- K172 Benzene, arsenic.

PART 266 – STANDARDS FOR THE MANAGEMENT OF SPECIFIC HAZARDOUS WASTES AND SPECIFIC TYPES OF HAZARDOUS WASTE MANAGEMENT FACILITIES

SUBPART H – HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES

APPLICABILITY

†, 1, replace "261.6(a)(3)(iv) through (vi)" with 2 "261.6(a)(3)(iii) and (iv)"	266.100(b)(3)	266.100(b)(3)	X			
--	---------------	---------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 169: Petroleum Refining Process Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 268 – LAND DISPOSAL RESTRICTIONS

SUBPART C – PROHIBITIONS ON LAND DISPOSAL

WASTE SPECIFIC PROHIBITIONS-PETROLEUM REFINING WASTES

◆,4 add new paragraph; effective February 8, 1999, wastes K169-K172, soils and debris contaminated with these wastes, radioactive wastes mixed with these wastes, and soils and debris contaminated with radioactive wastes mixed with these wastes are prohibited from land disposal	268.35(a)	268.35(a)	X			
◆ add new paragraph; requirements of 268.35(a) do not apply if:	268.35(b) intro	268.35(b) intro	X			
◆ wastes meet treatment standards specified in 268 subpart D;	268.35(b)(1)	268.35(b)(1)	X			
◆ exemption from a prohibition pursuant to petition granted under 268.6, with respect to wastes and units covered by the petition;	268.35(b)(2)	268.35(b)(2)	X			
◆ wastes meet treatment standards established pursuant to petition granted under 268.44;	268.35(b)(3)	268.35(b)(3)	X			
◆ hazardous debris meeting treatment standards in 268.40 or alternative treatment standards in 268.45; or	268.35(b)(4)	265.38(b)(4)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 169: Petroleum Refining Process Wastes (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
♦ extension to effective date of prohibition granted pursuant to 268.5, with respect to wastes covered by extension	268.35(b)(5)	268.35(b)(5)	X			
♦ add new paragraph; to determine if hazardous wastes identified in 268.35 exceeds 268.40 treatment standards, initial generator must test waste, or use knowledge of waste; if waste contains constituents in excess of UTS levels of 268.48, waste is prohibited from land disposal, and all requirements of part 268 are applicable, except as otherwise specified	268.35(c)	268.35(c)	X			

SUBPART D - TREATMENT STANDARDS

APPLICABILITY OF TREATMENT STANDARDS

♦,5 add in alphanumeric order new entries for K169, K170, K171, and K172 as shown at 63 FR 42187	268.40/Table	268.40 Table	X			
--	--------------	-----------------	---	--	--	--

1 The internal reference to "§261.6(a)(3)(iv) through (vi)", as affected by Revision Checklist 135, was incorrect in the July 1, 1997, CFR. The reference should have been "§261.6(a)(3)(iii) through (v)" to correctly correspond to the deletion of subparagraphs in 40 CFR 261.6(a)(3) by Revision Checklists 112, 135, and 142B. Not all of these checklists made the corresponding changes to the internal references at 40 CFR 261.3(c)(3)(ii)(B) or 266.100(b)(3); therefore, the internal reference has remained incorrect in the CFR since July 1, 1993. Revision Checklist 169 subsequently corrects the internal references at both provisions to also reflect the removal of 40 CFR 261.6(a)(3)(v).

2 The revision of the exclusion 40 CFR 261.4(a)(12)(i)&(ii) replaces the provision at 40 CFR 261.6(a)(3)(v) causing it to be removed; therefore, these provisions should be adopted together. States should be aware that adoption of the removal of 40 CFR 261.6(a)(3)(v) without the adoption of the revisions to 40 CFR 261.4(a)(12)(i)&(ii) would make the State potentially broader-in-scope than the Federal requirements. The correction of the internal reference at 40 CFR 261.3(c)(2)(ii)(B) is also optional. Although the revision of the internal reference at 40 CFR 266.100(b)(3) is made

RCRA REVISION CHECKLIST 169: Petroleum Refining Process Wastes (cont'd)

pursuant to HSWA authority, it is also optional since the revision should be made only if the revisions to 40 CFR 261.4(a)(12)(i)&(ii) are adopted.

- 3 This change is conditionally optional. If a State chooses to make the optional changes at 40 CFR 261.4(a)(12), it needs to make this change as well.
- 4 The 1997 40 CFR reprints 40 CFR 268.35 (which was removed by the rule addressed by Revision Checklist 157), and includes a note that the section has been removed effective August 11, 1997 (62 FR 26022, 5/12/97). Since it was promulgated after the effective date of the removal, Revision Checklist 169 adds a new 40 CFR 268.35.
- 5 Note that the August 6, 1998 rule (Revision Checklist 169) republished the appropriate footnotes to the Table of Treatment Standards at 40 CFR 268.40 without change.

RCRA REVISION CHECKLIST 171

Emergency Revision of the Land Disposal Restrictions (LDR) Treatment Standards
for Listed Hazardous Wastes from Carbamate Production

63 FR 47410-47418

September 4, 1998

(RCRA Cluster IX, HSWA)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART D - TREATMENT STANDARDS						
APPLICABILITY OF TREATMENT STANDARDS						
replace "August 26, 1997 and August 26, 1998" with August 26, 1996 and March 4, 1999"	268.40(g)	268.40(g)	X			
add new paragraph; effective September 4, 1998, treatment standards for certain "P" and "U" wastes specified in 261.33 may be satisfied by either meeting constituent concentrations in "Treatment Standards for Hazardous Wastes" table, or by treating the waste by technologies specified	268.40(i)	268.40(i)	X			
1,2 revise "Treatment Standards for Hazardous Wastes" table and footnotes to table as shown at 63 FR 47416-47417	268.40/Table	268.40/Table	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 171: Emergency Revision of LDR Treatment Standards (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
UNIVERSAL TREATMENT STANDARDS						
remove entries for the following: A2213; Bendiocarb phenol; Diethylene glycol, dicarbamate; Dimetilan; Formparanate; Isolan; o-Phenylenediamine; and Tirpate	268.48(a)/Table	268.48(a)/Table	X			
remove footnote "6" in column one, after the following: Aldicarb sulfone; Barban; Bendiocarb; Benomyl; Butylate; Carbaryl; Carbenzadim; Carbofuran; Carbofuran phenol; Carbosulfan; m-Cumenyl methylcarbamate; Dithiocarbamates (total); EPTC; Formetanate hydrochloride; Methiocarb; Methomyl; Metolcarb; Mexacarbate; Molinate; Oxamyl; Pebulate; o-Phenylenediamine; Physostigmine; Physostigmine salicylate; Promecarb; Propham; Propoxur; Prosulfocarb; Thiodicarb; Thiophanate-methyl; Triallate; Triethylamine; and Vernolate; and by removing footnote 6 itself	268.48(a)/Table	268.48(a)/Table	X			

- 1 Note that on pages 47416-47417 of the September 4, 1988 rule, "mg/l" has been erroneously expressed as "mg/L" throughout the table "Treatment Standards for Hazardous Wastes" and throughout the footnotes to this table. Milligrams per liter is correctly abbreviated as "mg/l".
- 2 Footnote 11 to the table "Treatment Standards for Hazardous Wastes" was inadvertently revised to "mg/L TCLP". The correct version of footnote 11 is found in the May 26, 1998 FR notice (63 FR 28738).

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 172

Land Disposal Restrictions Phase IV -- Extension of Compliance

Date for Characteristic Slags

63 FR 48124-48127

September 9, 1998

(RCRA Cluster IX, HSWA)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
PART 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART D - TREATMENT STANDARDS						
WASTE SPECIFIC PROHIBITIONS--SECOND THIRD WASTES						
† redesignate old 268.34(b)-(e) as 268.34(c)-(f); add new 268.34(b) setting November 26, 1998 as the effective date when slags from secondary lead smelting which exhibit the Toxicity Characteristic due to one or more metals, are prohibited from land disposal	268.34(b)-(f)	268.34(b)-(f)	x			y

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 173

Land Disposal Restrictions; Treatment Standards for
Spent Potliners from Primary Aluminum
Reduction (K088); Final Rule
63 FR 51254-51267
September 24, 1998
(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 268 - LAND DISPOSAL RESTRICTIONS						
SUBPART C - PROHIBITIONS ON LAND DISPOSAL						
WASTE SPECIFIC PROHIBITIONS-SPENT ALUMINUM POTLINERS; REACTIVE; AND CARBAMATE WASTES						
replace "October 8, 1997" with "September 21, 1998"; replace "this waste" with "these wastes"	268.39(c)	268.39(c)	X			
SUBPART D - TREATMENT STANDARDS						
APPLICABILITY OF TREATMENT STANDARDS						
in the entry for K088, correct "Acenaphthene" to "Acenaphthalene"; correct "Benz(a)anthracene" to "Benzo(a)anthracene"; in nonwastewaters column for Arsenic, replace "5.0 mg/l TCLP" with "26.1 mg/kg"; remove "Fluoride" and its corresponding data	268.40/Table	268.40 /Table	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174

Post-Closure Permit Requirement and Closure Process
 63 FR 56710-56735
 October 22, 1998
 (RCRA Cluster IX, HSWA/non-HSWA provisions)

Notes : 1) States choosing to adopt this optional checklist must demonstrate the enforcement authority added by this rule to 40 CFR 271.16(e) in order to receive authorization for this checklist.

2) The revisions to 40 CFR 264.90(f), 264.110(c), 264.112(b)(8), 264.112(c)(2)(iv), 264.118(b)(4), 264.118(d)(2)(iv), 264.140(d), 265.90(f), 265.110(d), 265.112(b)(8), 265.112(c)(1)(iv), 265.118(c)(5), 265.118(d)(1)(iii), 265.121(a)(2), 265.140(d) and 271.16(e) are promulgated pursuant to HSWA. Because these provisions are not more stringent, they are immediately effective only in those States not authorized for the base RCRA program. The revisions to 40 CFR 264.90(e), 265.110(c), 265.118(c)(4), 265.121 (except for 265.121(a)(2)), 270.1, 270.14(a), and 270.28 are promulgated relative to non-HSWA authority. Those provisions designated as HSWA are identified by a "◆" (diamond symbol) in this checklist.

US EPA ARCHIVE DOCUMENT

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES

SUBPART F - RELEASES FROM SOLID WASTE MANAGEMENT UNITS

APPLICABILITY

add new paragraph; 264 Subpart F regulations apply to all owners/operators subject to 270.1(c)(7) when either post-closure permit or enforceable document is issued; when an enforceable document is issued, references to "in the permit" mean "in the enforceable document"	264.90(e)	264.90(e)	X			
---	-----------	-----------	---	--	--	--

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
◆ add new paragraph; Regional Administrator may replace requirements of 264.91-- 264.100 with alternative regulations for groundwater monitoring & corrective action for releases to groundwater contained in permit (or enforceable document) where Regional Administrator determines:	264.90(f) intro	264.90(f) intro	X			
◆ regulated unit is situated among solid waste management units, release has occurred, and both regulated unit and one or more solid waste management unit(s) are likely to have contributed to release; and	264.90(f)(1)	264.90(f)(1)	X			
◆ it is not necessary to apply 264.91 - 264.100 requirements because alternative requirements will protect human health and environment	264.90(f)(2)	264.90(f)(2)	X			

SUBPART G - CLOSURE AND POST-CLOSURE

APPLICABILITY

◆ add new paragraph; Regional Administrator may replace part 264 Subpart G requirements with alternative requirements contained in permit or enforceable document under specified conditions	264.110(c)	264.110(c)	X			
--	------------	------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
◆ regulated unit is situated among solid waste management units, release has occurred, and both regulated unit and one or more solid waste management unit(s) are likely to have contributed to release; and	264.110(c)(1)	264.110(c)(1)	X			
◆ it is not necessary to apply part 264 Subpart G requirements because alternative requirements will protect human health and environment and satisfy 264.111(a)&(b) requirements	264.110(c)(2)	264.110(c)(2)	X			
CLOSURE PLAN; AMENDMENT OF PLAN						
◆, 1 add new paragraph; for facilities where Regional Administrator has applied alternative requirements under 264.90(f), 264.110(c), and/or 264.140(d), either alternative requirements or reference to enforceable document containing those requirements	264.112(b)(8)	264.112(b)(8)	X			
◆ add new paragraph; owner/ operator requests Regional Administrator to apply alternative requirements under 264.90(f), 264.110(c), and/or 264.140(d)	264.112(c)(2)(iv)	264.112(c)(2)(iv)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

POST-CLOSURE PLAN; AMENDMENT OF PLAN

◆ add new paragraph; for facilities where Regional Administrator has applied alternative requirements under 264.90(f), 264.110(c), and/or 264.140(d), either alternative requirements or reference to enforceable document containing those requirements	264.118(b)(4)	264.118(b)(4)	X			
◆ add new paragraph; owner/operator requests Regional Administrator to apply alternative requirements under 264.90(f), 264.110(c), and/or 264.140(d)	264.118(d)(2)(iv)	264.118(d)(2)(iv)	X			

SUBPART H - FINANCIAL REQUIREMENTS

APPLICABILITY

◆ add new paragraph; Regional Administrator may replace part 264 Subpart H requirements with alternative requirements for financial assurance in permit or enforceable document, where Regional Administrator :	264.140(d)	264.140(d)	X			
◆, 1 prescribes alternative requirements under 264.90(f) and/or 264.110(c); and	264.140(d)(1)	264.140(d)(1)	X			
◆ determines it is not necessary to apply part 264 Subpart H requirements because alternative requirements will protect human health and environment	264.140(d)(2)	264.140(d)(2)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

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

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

SUBPART F - GROUND-WATER MONITORING

APPLICABILITY

◆ add new paragraph; Regional Administrator may replace part 265 Subpart F requirements with alternative requirements developed for groundwater monitoring contained in approved closure or post-closure plan or enforceable document where Regional Administrator determines:	265.90(f)	265.90(f)	X			
◆ regulated unit is situated among solid waste management units, release has occurred, and both regulated unit and one or more solid waste management unit(s) are likely to have contributed to release; and	265.90(f)(1)	265.90(f)(1)	X			
◆ it is not necessary to apply part 265 Subpart F requirements because alternative requirements will protect human health and environment; alternative standards must meet 264.101(a) requirements	265.90(f)(2)	265.90(f)(2)	X			

SUBPART G - CLOSURE AND POST-CLOSURE

APPLICABILITY

add new paragraph; 265.121 applies to owners/operators of units subject to 270.1(c)(7) and are regulated under enforceable document	265.110(c)	265.110(c)	X			
---	------------	------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (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; Regional Administrator may replace part 265 Subpart G requirements with alternative requirements for closure contained in approved closure or post-closure plan or in enforceable document where Regional Administrator determines:	265.110(d)	265.110(d)	X			
◆ regulated unit is situated among solid waste management units, release has occurred, and both regulated unit and one or more solid waste management unit(s) are likely to have contributed to release; and	265.110(d)(1)	265.110(d)(1)	X			
◆ it is not necessary to apply part 265 Subpart G requirements because alternative requirements will protect human health and environment, and will satisfy 265.111(a)&(b)	265.110(d)(2)	265.110(d)(2)	X			

CLOSURE PLAN; AMENDMENT OF PLAN

◆ add new paragraph; for facilities where Regional Administrator has applied alternative requirements under 265.90(f), 265.110(d), and/or 265.140(d), either alternative requirements or reference to enforceable document containing those requirements	265.112(b)(8)	265.112(b)(8)	X			
--	---------------	---------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
◆ add new paragraph; owner/operator requests Regional Administrator to apply alternative requirements under 265.90(f), 265.110(d), and/or 265.140(d)	265.112(c)(1)(iv)	265.112(c)(1)(iv)	X			

POST-CLOSURE PLAN; AMENDMENT OF PLAN

add new paragraph; for facilities subject to 265.121, provisions that satisfy 265.121(a)(1)&(3)	265.118(c)(4)	265.118(c)(4)	X			
◆ add new paragraph; for facilities where Regional Administrator has applied alternative requirements under 265.90(f), 265.110(d), and/or 265.140(d), either alternative requirements or reference to enforceable document containing those requirements	265.118(c)(5)	265.118(c)(5)	X			
◆ add new paragraph; owner/operator requests Regional Administrator to apply alternative requirements under 265.90(f), 265.110(d), and/or 265.140(d)	265.118(d)(1)(iii)	265.118(d)(1)(iii)	X			

POST-CLOSURE REQUIREMENTS FOR FACILITIES THAT OBTAIN ENFORCEABLE DOCUMENTS IN LIEU OF POST-CLOSURE PERMITS

add new paragraph; owners/operators subject to post-closure permit requirements of 270.1(c), but who obtain enforceable documents in lieu of post-closure permits, must comply with following requirements:	265.121(a)	265.121(a)	X			
---	------------	------------	---	--	--	--

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
270.28 facility information requirements	265.121(a)(1)	265.121(a)(1)	X			
◆ 264.101 facility-wide corrective action requirements	265.121(a)(2)	265.121(a)(2)	X			
264.91 through 264.100 requirements	265.121(a)(3)	265.121(a)(3)	X			
add new paragraph; in issuing enforceable documents in lieu of permits, Regional Administrator will assure opportunity for public involvement including opportunity for public notice and comment:	265.121(b)(1)	265.121(b)(1)	X			
when EPA becomes involved in facility remediation as regulatory or enforcement matter;	265.121(b)(1)(i)	265.121(b)(1)(i)	X			
on proposed preferred remedy and assumptions that remedy is based upon; and	265.121(b)(1)(ii)	265.121(b)(1)(ii)	X			
at time of proposed decision that remedial action is complete at facility; specified requirements must be met before Regional Administrator may consider requirements of 270.1(c)(7) to be fulfilled, unless facility qualifies for modification under 265.121(b)(2) or (3)	265.121(b)(1)(iii)	265.121(b)(1)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
if Regional Administrator determines that delay in implementation of remedy would adversely affect human health or environment, Regional Administrator may delay compliance with 265.121(b)(1) and implement remedy immediately; however, Regional Administrator must assure involvement of public at earliest opportunity	265.121(b)(2)	265.121(b)(2)	X			
Regional Administrator may allow remediation initiated prior to October 22, 1998 to substitute for corrective action even if 265.121(b)(1) requirements have not been met as long as notice and comment takes place at earliest opportunity	265.121(b)(3)	265.121(b)(3)	X			

SUBPART H - FINANCIAL REQUIREMENTS

APPLICABILITY

◆ add new paragraph; Regional Administrator may replace part 265 Subpart F requirements with alternative requirements for financial assurance contained in permit or enforceable document where Regional Administrator:	265.140(d)	265.140(d)	X			
◆ prescribes alternative requirements under 265.90(f) and/or 265.110(d), and	265.140(d)(1)	265.140(d)(1)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
<p>◆ determines it is not necessary to apply 265 Subpart H requirements because alternative will protect human health and environment</p>	265.140(d)(2)	265.140(d)(2)	X			

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

SUBPART A - GENERAL INFORMATION

PURPOSE AND SCOPE OF THESE REGULATIONS

<p>insert "of this chapter" after "265.115"; insert "or decontamination" after "closure by removal"; insert ", or obtain an enforceable document in lieu of post-closure permit, as provided under paragraph (c)(7) of this section" after "270.1(c)(5) and (6)"; insert "40 CFR" prior to "part 264"; replace initial capitalizations with lower case letters in "groundwater monitoring, ... post-closure care requirements"</p>	270.1(c) intro	<p>(See 1999 Technical Amendment.)</p> <p>122.1(c) intro</p>	X			
<p>add new paragraph; enforceable documents for post-closure care; at Regional Administrator's discretion, owner/operator may obtain enforceable document imposing 265.121 requirements in lieu of post-closure permit; definition of enforceable document</p>	270.1(c)(7)	122.1(c)(7)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 174: Post-Closure Requirements and Closure Process (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 B - PERMIT APPLICATION

CONTENTS OF PART B: GENERAL REQUIREMENTS

add new sentence to end of existing paragraph; for post-closure permits, only 270.28 information is required in Part B application	270.14(a)	122.14(a)	X			
--	-----------	-----------	---	--	--	--

PART B INFORMATION REQUIREMENTS FOR POST-CLOSURE PERMITS

add new section; for post-closure permits, owner/operator required to only submit information specified in 270.14(b)(1), (4)-(6), (11), (13), (14), (16), (18), and (19), (c), and (d) unless Regional Administrator determines that 270.14, 270.16 - 270.18, 270.20, or 270.21 information is necessary; owner/operator required to submit same information when alternative authority is used in lieu of post-closure permit	270.28	122.28	X			
--	--------	--------	---	--	--	--

¹ The October 22, 1998 rule (63 FR 56710) contains a typographical error. The internal reference to "264.110(d)" should be "264.110(c)".

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 177

Organic Air Emission Standards: Clarification and Technical Amendments

64 FR 3382

January 21, 1999

(RCRA Cluster IX, 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 262 - STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE						
SUBPART B - THE MANIFEST						
ACCUMULATION TIME						
insert "the applicable requirements of" after "complies with"; change "subpart" to "subparts"; insert ", AA, BB, and CC" after "subparts I"	262.34(a)(1)(i)	262.34(a)(1)(i)	x			
insert "the applicable requirements of" after "complies with"; change "subpart" to "subparts"; insert ", AA, BB, and CC" after "subparts J"; remove comma after "part 265"	262.34(a)(1)(ii)	262.34(a)(1)(ii)	x			
PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES						
SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS						
DEFINITIONS						
revise "Equipment"; insert "or other connector" after "flange"	264.1031	264.1031	x			
revise "Open-ended valve or line"; replace "process fluid" with "hazardous waste"	264.1031	264.1031	x			
add "sampling connection system" definition in alphabetic order	264.1031	264.1031	x			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 177: Organic Air Emission Standards:
Clarification and Technical Amendments (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 "generated" with "placed in the unit"; replace "the result" with "a result"; add comma after "3004(v)"; replace comma with semicolon after "3008(h)" and after "authorities"	264.1080(b)(5)	264.1080(b)(5)	x			
---	----------------	----------------	---	--	--	--

WASTE DETERMINATION PROCEDURES

add new paragraph; average VO concentration of waste stream shall be determined before first time material in hazardous waste stream is placed in unit exempted under 264.1082(c)(1) from using air emission controls, thereafter concentration shall be determined for each averaging period that hazardous waste is managed in unit; and	264.1083(a)(1)(i)	264.1083(a)(1)(i)	x			
add new paragraph; perform new determination when changes to generating source are likely to cause concentration to increase to level equal to or greater than limit specified in 264.1082	264.1083(a)(1)(ii)	264.1083(a)(1)(ii)	x			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 177: Organic Air Emission Standards:
Clarification and Technical Amendments (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; average VO concentration of waste stream shall be determined before first time material in treated waste stream is placed in exempt unit, thereafter update determination information at least once every 12 months; and	264.1083(b)(1)(i)	264.1083(b)(1)(i)	X			
add new paragraph; perform new determination when process generating or treating waste stream changes are likely to cause concentration to increase such that 264.1082(c)(2) treatment conditions are not achieved	264.1083(b)(1)(ii)	264.1083(b)(1)(ii)	X			
STANDARDS: TANKS						
1 replace "in the event...unsafe condition" with "under either of the following conditions as specified in paragraph (h)(3)(i) or (h)(3)(ii) of this section"	264.1084(h)(3)	264.1084(h)(3)	X			
add new paragraph; when opening safety device is required to avoid unsafe condition	264.1084(h)(3)(i)	264.1084(h)(3)(i)	X			
add new paragraph; when purging of inerts from tank is required and purge stream is routed to closed-vent system and control device designed & operated according to 264.1087	264.1084(h)(3)(ii)	264.1084(h)(3)(ii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 177: Organic Air Emission Standards:
Clarification and Technical Amendments (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: CONTAINERS						
add new paragraph; transfer of hazardous waste in or out of container using Container Level 3 controls shall be conducted to minimize exposure to atmosphere; examples of acceptable container loading procedures	264.1086(e)(6)	264.1086(e)(6)	X			

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

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

APPLICABILITY						
replace "generated" with "placed in the unit"; replace "the result" with "a result"; removed "RCRA" from after "under the"; insert "RCRA sections" before "3004(u)"; add comma after "3004(v)"; replace comma with semicolon after "3008(h)" and after "authorities"	265.1080(b)(5)	265.1080(b)(5)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 177: Organic Air Emission Standards:
Clarification and Technical Amendments (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
WASTE DETERMINATION PROCEDURES						
add new paragraph; average VO concentration of waste stream shall be determined before first time material in hazardous waste stream is placed in unit exempted under 265.1083(c)(1) from using air emission controls, thereafter concentration shall be determined for each averaging period hazardous waste is managed in unit; and	265.1084(a)(1)(i)	265.1084(a)(1)(i)	X			
add new paragraph; perform new determination when changes to generating source are likely to cause concentration to increase to level equal to or greater than limit specified in 265.1083(c)(1)	265.1084(a)(1)(ii)	265.1084(a)(1)(ii)	X			
after first sentence, insert new sentence "All of the samples for a given waste determination shall be collected within a one-hour period."	265.1084(a)(3)(ii)(B)	265.1084(a)(3)(ii) (B)	X			
add new paragraph; sufficient information to document waste quantity and operating conditions represented by samples	265.1084(a)(3)(ii)(D)	265.1084(a)(3) (ii)(D)	X			
revise paragraph; analysis	265.1084(a)(3)(iii)	265.1084(a)(3)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 177: Organic Air Emission Standards:
Clarification and Technical Amendments (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
add new paragraph; average VO concentration of waste stream shall be determined before first time material in treated waste stream is placed in exempt unit, thereafter update determination information at least once every 12 months; and	265.1084(b)(1)(i)	265.1084(b)(1)(i)	X			
add new paragraph; perform new determination when process generating or treating waste stream changes are likely to cause concentration to increase such that treatment conditions are not achieved	265.1084(b)(1)(ii)	265.1084(b)(1)(ii)	X			
after first sentence, insert new sentence "All of the samples for a given waste determination shall be collected within a one-hour period."; remove "source or"; insert "or treating" after "generating"	265.1084(b)(3)(ii)(B)	265.1084(b)(3)(ii)(B)	X			
add new paragraph; sufficient information to document waste quantity and operating conditions represented by the samples	265.1084(b)(3)(ii)(D)	265.1084(b)(3)(ii)(D)	X			
revise paragraph; analysis	265.1084(b)(3)(iii)	265.1084(b)(3)(iii)	X			

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 177: Organic Air Emission Standards:
Clarification and Technical Amendments (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE

STANDARDS: TANKS

1 replace "in the event...unsafe condition" with "under either of the following conditions as specified in paragraph (h)(3)(i) or (h)(3)(ii) of this section"	265.1085(h)(3)	265.1085(h)(3)	x			
2 add new paragraph; when opening safety device is required to avoid unsafe condition	265.1085(h)(3)(i)	265.1085(h)(3)(i)	x			
add new paragraph; when purging of inerts from tank is required and purge stream is routed to closed-vent system and control device designed & operated according to 265.1088	265.1085(h)(3)(ii)	265.1085(h)(3)(ii)	x			

STANDARDS: CONTAINERS

add new paragraph; transfer of hazardous waste in or out of container using Container Level 3 controls shall be conducted to minimize exposure to atmosphere; examples of acceptable container loading procedures	265.1087(e)(6)	265.1087(e)(6)	x			
---	----------------	----------------	---	--	--	--

- 1 There is a typographical error in the revised paragraphs: "under either or the following conditions" should be "under either of the following conditions".
- 2 States should be sure to add a new paragraph at 265.1085(h)(3)(i), and not replace 265.1085(i), which currently follows 265.1085(h)(3).

US EPA ARCHIVE DOCUMENT