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CONSOLIDATED CHECKLIST C5 Part 2 of 5 parts

Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities 40 CFR Part 264, Subparts H-J, as of **December 31**, 2002

Notes:

- 1) Consolidated Checklist C5 is divided into five separate documents/computer files solely for ease of handling its printed and electronic versions. Consolidated Checklist C5 remains one checklist; States must adopt all five portions simultaneously to correctly use this Consolidated Checklist. Note, the prenotes and endnotes associated with each part have been placed with the part to which they apply.
- 2) Several sections of Part 264, Subpart H, were revised by the September 1, 1988 final rule (53 FR 33938, withheld Revision Checklist 51), titled "Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; Liability Coverage." Subsequently, the September 1, 1988 final rule was amended by the July 1, 1991 (56 FR 30200, withheld Revision Checklist 93) and the September 16, 1992 (57 FR 42832) final rules. The September 1, 1988 final rule was the subject of litigation and its checklist, Revision Checklist 51, was withheld by EPA to encourage States not to adopt those changes until a final settlement agreement could be reached and implemented. The July 1, 1991 and September 16, 1992 rules were promulgated to make the revisions mandated by the settlement agreement. Now that all the requirements of the settlement agreement have been met, the changes addressed by the three rules are included in this version of Consolidated Checklist C5 as Revision Checklist 113.

Revision Checklist 113 is a Consolidated Liability Requirements Checklist that incorporates the September 1, 1988; July 1, 1991; and September 16, 1992 rules. In this version of Consolidated Checklist C5, reference to "113" in the "rule reference" column will signify the <u>Consolidated Liability Requirements</u> as addressed by Revision Checklist 113. There are several instances where multiple rules affected the same sections of code. In some cases, the changes made by one rule may be optional while the changes addressed by a second rule to the same section of code is required. <u>States should refer to Revision Checklist 113 for detailed information to identify which specific rules affected each citation addressing liability requirements.</u>

Note that the September 16, 1992 rule (57 FR 42832) modified the claims reporting requirements (264.147(a)(7)&(b)(7) and 265.147(a)(7)&(b)(7)) and they are less stringent than the claim reporting requirements promulgated in the September 1, 1988 rule (53 FR 33938). Thus, States which have already adopted the September 1, 1988 provisions are not required to adopt the "clarified" reporting requirements of the September 16, 1992 rule, although EPA strongly encourages them to do so. States that have not adopted the September 1, 1988 claims reporting requirements should not do so but should, instead, adopt the clarified September 16, 1992 version included in the 1993 CFR.

Note: No final rules affecting 40 CFR Part 264, Subparts H-J were promulgated between June 30, 2002 and December 31, 2002, therefore, this Consolidated Checklist corresponds to 40 CFR Part 264, Subparts H-J as published on July 1, 2002.

						STATE A	NALOG IS:		
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE	
		SUBP	ART H - FINANCIAL	REQUIREMENT	ΓS				
	APPLICABILITY 264.142, 264.143,								
	264.142, 264.143, 264.147-264.151 requirements; exceptions	IV A	264.140(a)						
	264.144 and 264.145 requirements apply to:	IV A	264.140(b)						
	disposal facilities	IV A,109	264.140(b)(1)						
	waste piles and surface impoundments	IV A,109	264.140(b)(2)						
	tank systems	28,109	264.140(b)(3)						
	containment buildings that are required under 264.1102 to meet the requirements for landfills	109	264.140(b)(4)						
	State and Federal government exemptions	IV A	264.140(c)						
†	Regional Administrator may replace part 264 Subpart H requirements with alternative requirements for financial assurance in permit or enforceable document, where Regional Administrator:	174	264.140(d)						
†,1	prescribes alternative requirements under 264.90(f) and/or 264.110(c); and	174	264.140(d)(1)						
†	determines it is not necessary to apply part 264 Subpart H requirements because alternative requirements will protect human health and environment	174	264.140(d)(2)						

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
DEFINITION OF TERM	S AS USED	IN THIS SUBPART					
"closure plan"	IV A	264.141(a)					
"current closure cost estimate"	IV A	264.141(b)					
"current post-closure cost estimate"	IV A	264.141(c)					
"parent corporation"	IV A	264.141(d)					
"post-closure plan"	IV A	264.141(e)					
terms used in financial tests	IV A	264.141(f)(intro)					
"assets"	IV A	264.141(f)					
"current assets"	IV A	264.141(f)					
"current liabilities"	IV A	264.141(f)					
"current plugging and abandonment cost estimate"	24	264.141(f)					
"independently audited"	IV A	264.141(f)					
"liabilities"	IV A	264.141(f)					
"net working capital"	IV A	264.141(f)					
"net worth"	IV A	264.141(f)					
"tangible net worth"	IV A	264.141(f)					
introduction to definitions relating to liability insurance, bodily injury, and property damage	IV A	264.141(g)(intro)					
"accidental occurrence"	IV A	264.141(g)					
"legal defense costs"	IV A	264.141(g)					
"nonsudden accidental occurrence"	IV A	264.141(g)					
"sudden accidental	IV A	264.141(g)					

						CTATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	occurrence"							
†	"substantial business relationship"	113	264.141(h)					
	COST ESTIMATE FOR C	CLOSURE						
	owner or operator must have written cost estimate	IV A,24,45,1 09	264.142(a)					
2	equal to cost of final closure	24	264.142(a)(1)					
	based on costs of hiring third party	24	264.142(a)(2)					
	no incorporation of salvage value	24,†64	264.142(a)(3)					
	no incorporation of zero cost	24,†64	264.142(a)(4)					
	adjust closure cost estimate for inflation	IV A,24	264.142(b)					
	first adjustment	IV A	264.142(b)(1)					
	subsequent adjustments	IV A	264.142(b)(2)					
	revised closure cost estimate	IV A,24	264.142(c)					
	cost estimates to be kept at facility	IV A	264.142(d)					
	FINANCIAL ASSURANCE	CE FOR CL	OSURE					
	options to establish financial assurance	*	264.143					
	closure trust fund; requirements; trustee must have authority	IV A	264.143(a)(1)					_
	wording identical to 264.151(a)(1); Schedule A update	IV A	264.143(a)(2)					
	annual payments; "pay-	IV A	264.143(a)(3)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
in period"							
first payment for new facility; subsequent payments	IV A	264.143(a)(3)(i)					
payments for permitted facility	IV A	264.143(a)(3)(ii)					
accelerated payments	IV A	264.143(a)(4)					
payments if previous use of alternate mechanisms	IV A	264.143(a)(5)					
compare new estimate to trust fund	IV A	264.143(a)(6)					
release of excess amount	IV A	264.143(a)(7)					
substitution of other financial assurance	IV A	264.143(a)(8)					
timing of release of funds	IV A	264.143(a)(9)					
reimbursement for closure activities	IV A,24	264.143(a)(10)					
termination of trust if		264.143(a)(11)					
alternate financial assurance or release from	IV A	264.143(a)(11)(i)					
264.143 requirements		264.143(a)(11)(ii)					
surety bond guaranteeing payment into a closure trust fund; requirements; obtain from an acceptable surety company	IV A	264.143(b)(1)					
wording identical to 264.151(b)	IV A	264.143(b)(2)					
establish standby trust fund	IV A	264.143(b)(3)					
trust agreement submitted with surety bond	IV A	264.143(b)(3)(i)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
until standby trust fund is funded, following not required:	IV A	264.143(b)(3)(ii)					
payments into trust fund	IV A	264.143(b)(3)(ii)(A)					
Schedule A update	IV A	264.143(b)(3)(ii)(B)					
annual valuations	IV A	264.143(b)(3)(ii)(C)					
notices of nonpayment	IV A	264.143(b)(3)(ii)(D)					
surety bond guarantees:	IV A	264.143(b)(4)					
funding of standby trust fund	IV A	264.143(b)(4)(i)					
fund equal to penal sum within 15 days of administrative or judicial order	IV A,24	264.143(b)(4)(ii)					
alternate financial assurance following notice of cancellation	IV A	264.143(b)(4)(iii)					
when surety becomes liable	IV A	264.143(b)(5)					
penal sum equal to current cost estimate	IV A	264.143(b)(6)					
penal sum increase or decrease	IV A	264.143(b)(7)					
surety may cancel bond after 120 days	IV A	264.143(b)(8)					
owner or operator may cancel bond if written consent	IV A	264.143(b)(9)					
surety bond guaranteeing performance of closure; requirements; obtain from acceptable surety company	IV A	264.143(c)(1)					
wording identical to	IV A	264.143(c)(2)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
264.151(c)							
establish standby trust fund	IV A	264.143(c)(3)					
trust agreement submitted with surety bond	IV A	264.143(c)(3)(i)					
unless standby trust fund is funded, the following not required:	IV A	264.143(c)(3)(ii)					
payments to trust fund	IV A	264.143(c)(3)(ii)(A)					
Schedule A update	IV A	264.143(c)(3)(ii)(B)					
annual valuations	IV A	264.143(c)(3)(ii)(C)					
notices of nonpayment	IV A	264.143(c)(3)(ii)(D)					
		264.143(c)(4)					
what the bond must guarantee	IV A	264.143(c)(4)(i)					
Suarantee		264.143(c)(4)(ii)					
surety will become liable when owner/operator fails to perform as bond guarantees; following final Administrative Order perform final closure or deposit penal sum in standby trust fund	IV A,24	264.143(c)(5)					
amount of penal sum	IV A	264.143(c)(6)					
if current closure cost estimate increases to an amount greater than penal sum, then increase penal sum within 60 days	IV A	264.143(c)(7)					
surety may cancel bond; procedures	IV A	264.143(c)(8)					
owner or operator may	IV A	264.143(c)(9)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
cancel bond if Regional Administrator consents		264.143(c)(9)(i)					
in writing; conditions		264.143(c)(9)(ii)					
surety not liable for deficiencies in closure performance after Regional Administrator releases owner or operator from requiring 264.143	IV A	264.143(c)(10)					
closure letter of credit; when letter must be submitted to Regional Administrator; conditions of letter and who can issue it	IV A	264.143(d)(1)					
wording identical to 264.151(d)	IV A	264.143(d)(2)					
establish standby trust fund; meets requirements of 264.143(a) except:	IV A	264.143(d)(3)					
originally signed duplicate to Regional Administrator with letter of credit	IV A	264.143(d)(3)(i)					
unless standby trust fund is funded, the following are not required:	IV A	264.143(d)(3)(ii)					
payments into trust fund	IV A	264.143(d)(3)(ii)(A)					
Schedule A update	IV A	264.143(d)(3)(ii)(B)					
annual valuations	IV A	264.143(d)(3)(ii)(C)					
notices of nonpayment	IV A	264.143(d)(3)(ii)(D)					
letter of credit accompanied by letter from owner/operator; information it must contain	IV A	264.143(d)(4)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
terms of letter of credit	IV A	264.143(d)(5)					
issued in amount equal to current closure cost estimate except as provided in 264.143(g)	IV A	264.143(d)(6)					
if current closure cost estimate increases to an amount greater than credit amount, then must increase credit amount within 60 days; actions when closure costs decrease	IV A	264.143(d)(7)					
after final RCRA 3008 determination, Regional Administrator may draw on letter of credit	IV A,24	264.143(d)(8)					
if no alternate financial assurance, Regional Administrator can draw on letter of credit; procedures for doing so	IV A	264.143(d)(9)					
conditions under which		264.143(d)(10)					
the Regional Administrator will return	IV A	264.143(d)(10)(i)					
the letter of credit for termination		264.143(d)(10)(ii)					
closure insurance must conform to 264.143(e) requirements; submit certificate to Regional Administrator; insurer requirements	IV A	264.143(e)(1)					
identical to 264.151(e) wording	IV A	264.143(e)(2)					
amount of insurance policy	IV A	264.143(e)(3)					
what the policy must guarantee	IV A	264.143(e)(4)					

					STATE A	NALOG IS:	
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owner/operator may request reimbursements; conditions for; procedures of Regional Administrator if maximum closure cost is greater than face value of policy	IV A,24	264.143(e)(5)					
policy must be in full force until Regional Administrator consents to termination; violations	IV A	264.143(e)(6)					
assignment of policy to successor	IV A	264.143(e)(7)					
insurer cannot terminate except for failure to pay; renewal; procedures if failure to pay	IV A	264.143(e)(8)					
		264.143(e)(8)(i)					
conditions that policy will remain in full force		264.143(e)(8)(ii)					
and effect in the event	IV A	264.143(e)(8)(iii)					
that the listed circumstances occur		264.143(e)(8)(iv)					
		264.143(e)(8)(v)					
owner/operator responsibilities and procedures when current closure cost estimate increases/decreases to an amount greater/less than face amount of policy	IV A	264.143(e)(9)					
conditions under which		264.143(e)(10)					
Regional Administrator will allow termination of	IV A	264.143(e)(10)(i)					
policy		264.143(e)(10)(ii)					
financial test and corporate guarantee for	IV A	264.143(f)(1)					

					STATE A	NALOG IS:	
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closure; owner/operator must satisfy 264.143(f)(1)(i) or (ii) requirements to pass financial test							
what owner/operator must have:	IV A	264.143(f)(1)(i)					
two of three specified financial ratios	IV A	264.143(f)(1)(i)(A)					
net working capital and tangible net worth relative to closure/post- closure estimates	IV A,24	264.143(f)(1)(i)(B)					
tangible net worth of at least \$10 million	IV A	264.143(f)(1)(i)(C)					
90% of assets in U.S.	IV A,24	264.143(f)(1)(i)(D)					
what owner/operator must have:	IV A	264.143(f)(1)(ii)					
bond rating	IV A	264.143(f)(1)(ii)(A)					
tangible net worth at six times sum of closure/post-closure cost estimates	IV A,24	264.143(f)(1)(ii)(B)					
tangible net worth at least \$10 million	IV A	264.143(f)(1)(ii)(C)					
90% of assets in U.S.	IV A,24	264.143(f)(1)(ii)(D)					
definitions of "current closure and post-closure cost estimates" and "current plugging and abandonment cost estimates"	IV A,24	264.143(f)(2)					
what the owner/operator	IV A	264.143(f)(3)					
must submit to the Regional Administrator		264.143(f)(3)(i)					
to demonstrate he meets		264.143(f)(3)(ii)					

					STATE A	NALOG IS:	1
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADEI IN SCOPE
the financial test		264.143(f)(3)(iii)					
		264.143(f)(3)(iii)(A)					
		264.143(f)(3)(iii)(B)					
when 264.143(f)(3) items must be submitted	IV A	264.143(f)(4)					
updates at close of each fiscal year	IV A	264.143(f)(5)					
owner/operator responsibilities if no longer meets 264.143(f)(1) requirements	IV A	264.143(f)(6)					
what Regional Administrator may do if suspects owner/operator no longer meets 264.143(f)(1)	IV A	264.143(f)(7)					
when Regional Administrator may disallow test	IV A	264.143(f)(8)					
		264.143(f)(9)					
when 264.143(f)(3) items no longer need to	IV A	264.143(f)(9)(i)					
be submitted		264.143(f)(9)(ii)					
requirement may be met by corporate guarantee; conditions which guarantor and guarantee must meet	IV A,†113	264.143(f)(10)					
what the terms of the		264.143(f)(10)(i)					
what the terms of the corporate guarantee must	IV A	264.143(f)(10)(ii)					
provide		264.143(f)(10)(iii)					
use of multiple financial	IV A	264.143(g)					

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mechanisms; conditions which must be met							
use of financial mechanism for multiple facilities; conditions which must be met	IV A	264.143(h)					
release of owner/operator from the requirements of 264.143	IV A,24	264.143(i)					
COST ESTIMATE FOR I	POST-CLOS	URE CARE				_	
detailed written estimate, in current dollars, of annual cost of post- closure monitoring and maintenance	IV A,24, 45	264.144(a)					
post-closure cost estimate based on hiring third party to conduct care	IV A,24	264.144(a)(1)					
calculation of estimate	IV A,24	264.144(a)(2)					
adjust for inflation; specifications on when this must be done; inflation factor	IV A,24	264.144(b)					
first adjustment	IV A	264.144(b)(1)					
subsequent adjustments	IV A	264.144(b)(2)					
revise post-closure care estimate when post- closure plan changes	IV A,24	264.144(c)					
what must be kept at facility	IV A	264.144(d)					
FINANCIAL ASSURANC	CE FOR PO	ST-CLOSURE CARE					
deadline for obtaining financial assurance; options from which owner/operator may	*,24	264.145					

				STATE ANALOG IS:			
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
choose							
post-closure trust fund; requirements which trust and trustee must meet; submit to Regional Administrator	IV A	264.145(a)(1)					
trust must have wording identical to that specified in 264.151(a)(1); formal certification of acknowledgment; Schedule A	IV A	264.145(a)(2)					
		264.145(a)(3)					
annual payments; procedures and formulas	IV A	264.145(a)(3)(i)				MORE STRIN- IN SCO	
for determining		264.145(a)(3)(ii)					
the value at which fund must be maintained	IV A	264.145(a)(4)					
first payment of post- closure trust fund after another mechanism was used	IV A	264.145(a)(5)					
after pay-in period, what must be done if fund value is less than new estimate	IV A	264.145(a)(6)					
written request to Regional Administrator for release of excess in fund	IV A	264.145(a)(7)					
other financial procedure if substitute assurance for all or part of fund	IV A	264.145(a)(8)					
within 60 days after request for fund release, Regional Administrator will instruct trustee to do so	IV A	264.145(a)(9)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
fund release during post- closure	IV A	264.145(a)(10)					
reimbursement for post- closure care expenditures	IV A,24	264.145(a)(11)					
conditions under which a		264.145(a)(12)					
Regional Administrator	IV A	264.145(a)(12)(i)					
will terminate a trust		264.145(a)(12)(ii)					
surety bond guaranteeing payment into a post- closure fund; specific conditions which surety and company issuing surety must meet	IV A	264.145(b)(1)					
surety bond wording must be identical to that specified in 264.151(b)	IV A	264.145(b)(2)					
establish a standby trust; trust must meet 264.145(a) requirements except:	IV A	264.145(b)(3)					
originally signed duplicate to Regional Administrator	IV A	264.145(b)(3)(i)					
		264.145(b)(3)(ii)					
until standby trust is		264.145(b)(3)(ii)(A)					
funded, specific requirements that are not	IV A	264.145(b)(3)(ii)(B)					
required		264.145(b)(3)(ii)(C)					
		264.145(b)(3)(ii)(D)					
the bond must guarantee that the owner/operator will do the following:	IV A	264.145(b)(4)					
fund the standby trust equal to penal sum before begin final closure	IV A	264.145(b)(4)(i)					

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fund standby trust fund equal to penal sum within 15 days of order to close	IV A,24	264.145(b)(4)(ii)					
provide alternate financial assurance	IV A	264.145(b)(4)(iii)					
when surety becomes liable	IV A	264.145(b)(5)					
what penal sum must be equal to	IV A	264.145(b)(6)					
adjustment to penal sum due to post-closure cost estimate increase/decrease	IV A	264.145(b)(7)					
conditions under which surety may cancel bond	IV A	264.145(b)(8)					
conditions under which owner or operator may cancel bond	IV A	264.145(b)(9)					
surety bond guaranteeing performance of post-closure care	IV A	264.145(c)					
conditions surety bond and surety company must meet	IV A	264.145(c)(1)					
identical wording to 264.151(c)	IV A	264.145(c)(2)					
establish standby trust fund; meet 264.145(a) requirements except:	IV A	264.145(c)(3)					
originals and duplicate of trust agreement to Regional Administrator	IV A	264.145(c)(3)(i)					
unless standby trust fund is funded according to	IV A	264.145(c)(3)(ii) 264.145(c)(3)(ii)(A)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
section requirements, specific procedures that		264.145(c)(3)(ii)(B)					
are not required		264.145(c)(3)(ii)(C)					
		264.145(c)(3)(ii)(D)					
		264.145(c)(4)					
what the bond must guarantee	IV A	264.145(c)(4)(i)					_
		264.145(c)(4)(ii)					_
when the surety becomes liable; keyed to final administrative 3008 determination	IV A,24	264.145(c)(5)					
what penal sum must be equal to	IV A	264.145(c)(6)					
adjustments to penal sum due to post-closure cost estimate increase/decrease	IV A	264.145(c)(7)					
approval of decrease in penal sum	IV A	264.145(c)(8)					
conditions under which surety may cancel bond	IV A	264.145(c)(9)					
conditions under which		264.145(c)(10)					
owner or operator may	IV A	264.145(c)(10)(i)					
cancel bond		264.145(c)(10)(ii)					
what the surety is not liable for	IV A	264.145(c)(11)					
post-closure letter of credit	IV A	264.145(d)					
conditions the letter of credit and its issuing institution must meet	IV A	264.145(d)(1)					
identical wording to that specified in 264.151(d)	IV A	264.145(d)(2)					

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establish standby trust fund; meet 264.145(a) conditions, except:	IV A	264.145(d)(3)			55		
originally signed duplicate of trust agreement to Regional Administrator	IV A	264.145(d)(3)(i)					
		264.145(d)(3)(ii)					
unless standby trust fund		264.145(d)(3)(ii)(A)					
is funded, specific items	IV A	264.145(d)(3)(ii)(B)					
not required		264.145(d)(3)(ii)(C)					
		264.145(d)(3)(ii)(D)					
letter of credit must be accompanied by letter; what letter must contain	IV A	264.145(d)(4)					
terms of letter of credit	IV A	264.145(d)(5)					
amount of letter of credit	IV A	264.145(d)(6)					
adjustments to amount of credit due to increase/decrease in post-closure cost estimate	IV A	264.145(d)(7)					
conditions under which amount of letter of credit can be decreased	IV A,24	264.145(d)(8)					
after final 3008 administrative determination, Regional Administrator may draw on credit	IV A,24	264.145(d)(9)					
when the Regional Administrator can draw on letter of credit	IV A	264.145(d)(10)					
termination of letter of	IV A	264.145(d)(11)					
credit		264.145(d)(11)(i)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.145(d)(11)(ii)					
post-closure insurance; conditions the insurance and the insurer must meet	IV A	264.145(e)(1)					
wording identical to wording specified in 264.151(e)	IV A	264.145(e)(2)					
"face amount" policy must be issued for	IV A	264.145(e)(3)					
what policy must guarantee	IV A	264.145(e)(4)					
request for reimbursement; procedures for reimbursement	IV A,24	264.145(e)(5)					
maintain policy in full force until Regional Administrator consents to terminate; failure to pay	IV A	264.145(e)(6)					
assignment of policy to successor	IV A	264.145(e)(7)					
		264.145(e)(8)					
excepting failure to pay, policy must provide that		264.145(e)(8)(i)					
insurer may not cancel, terminate or fail to	IV A	264.145(e)(8)(ii)					
renew; conditions under which policy remains in	IV A	264.145(e)(8)(iii)					
full force following date		264.145(e)(8)(iv)					
of expiration		264.145(e)(8)(v)					
adjustments to face amount due to increase/decrease in post-closure cost estimates	IV A	264.145(e)(9)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
annual increase of face amount	IV A	264.145(e)(10)					
conditions under which		264.145(e)(11)					
insurance policy may be	IV A	264.145(e)(11)(i)					
terminated		264.145(e)(11)(ii)					
financial test and corporate guarantee for post-closure care; pass financial test; criteria for passing test	IV A	264.145(f)(1)					
specific criteria:	IV A	264.145(f)(1)(i)					
have two of the three specified ratios	IV A	264.145(f)(1)(i)(A)					
net working capital and tangible net worth at least six times sum of current closure/post- closure cost estimates and plugging/abandonment cost estimates	IV A,24	264.145(f)(1)(i)(B)					
tangible net worth at lest \$10 million	IV A	264.145(f)(1)(i)(C)					
90% of assets in U.S. or six times sum of current closure/post-closure cost estimate and current plugging/abandonment costs	IV A,24	264.145(f)(1)(i)(D)					
owner or operator must have:	IV A	264.145(f)(1)(ii)					
a specified bond rating	IV A	264.145(f)(1)(ii)(A)					
tangible net worth six times sum of current closure/post-closure cost estimates and plugging/abandonment	IV A,24	264.145(f)(1)(ii)(B)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
cost estimates							
tangible net worth of at least \$10 million	IV A	264.145(f)(1)(ii)(C)					
90% of assets in U.S. or six times sum of current closure/post-closure cost estimate and current plugging/abandonment costs	IV A,24	264.145(f)(1)(ii)(D)					
definition of "current closure and post-closure cost estimates" and "current plugging and abandonment cost estimates"	IV A,24	264.145(f)(2)					
		264.145(f)(3)					
to domanatusto monto	IV A	264.145(f)(3)(i)					
to demonstrate meets 264.145(f)(1) test, items		264.145(f)(3)(ii)					
which must be submitted to Regional		264.145(f)(3)(iii)					
Administrator		264.145(f)(3)(iii)(A)					
		264.145(f)(3)(iii)(B)					
when items must be submitted	IV A	264.145(f)(4)					
when updated information must be submitted	IV A	264.145(f)(5)					
responsibilities when 264.145(f)(1) requirements are no longer met	IV A	264.145(f)(6)					
Regional Administrator's actions when suspects owner/operator no longer meets 264.145(f)(1)	IV A	264.145(f)(7)					
when Regional Administrator may disallow use of test	IV A	264.145(f)(8)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	when Regional Administrator may approve decrease in current post-closure cost estimates	IV A	264.145(f)(9)					
	specific conditions under		264.145(f)(10)					
	which 264.145(f)(3) items no longer need to	IV A	264.145(f)(10)(i)					
	be submitted		264.145(f)(10)(ii)					
3	guarantee may meet	IV A,†113	264.145(f)(11)					
	264.145 requirements; conditions guarantee		264.145(f)(11)(i)					
	must meet	IV A	264.145(f)(11)(ii)					
			264.145(f)(11)(iii)					
	use of multiple financial mechanisms	IV A	264.145(g)					
	use of financial mechanism for multiple facilities	IV A	264.145(h)					
	release of the owner or operator from the requirements of 264.145	IV A,24	264.145(i)					
	USE OF A MECHANISM CARE	I FOR FINA	NCIAL ASSURANCE	OF BOTH CLOS	SURE A	ND POS	Γ-CLOS	URE
	financial assurance requirements for both closure and post-closure can be met by specific types of mechanisms which meet 264.143 and 264.145 specifications; amount of funds which must be available	IV A	264.146					
	LIABILITY REQUIREM	ENTS			, ,		1 '	
	coverage for sudden accidental occurrences;	IV A,†113	264.147(a)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	ways liability insurance may be demonstrated							
	liability insurance meeting the following:	IV A	264.147(a)(1)					
	attachment of Hazardous Waste Facility Liability Endorsement or Certificate of Liability Insurance; required wording; submittal of signed duplicate original	IV A	264.147(a)(1)(i)					
	minimum requirements insurer must meet	IV A	264.147(a)(1)(ii)					
4	meet financial test or use guarantee for liability coverage as specified in 264.147(f)&(g)	IV A,†27,113	264.147(a)(2)					
	requirements may be met by obtaining letter of credit for liability coverage	IV A,†27,†11 3	264.147(a)(3)					
†	requirements may be met by obtaining surety bond for liability coverage	113	264.147(a)(4)					
†	requirements may be met by obtaining trust fund for liability coverage	113	264.147(a)(5)					
†	liability coverage may be demonstrated by combination of financial mechanisms; amount of coverage must total at least the minimum amounts required by 264.147; specification of "primary" and "excess" coverage	113	264.147(a)(6)					
5	notify Regional Administrator in writing	113	264.147(a)(7)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	whenever:							
5	claims reduce amount of financial assurance for liability coverage	113	264.147(a)(7)(i)					
5	Certification of Valid Claim for bodily injury or property damages caused by sudden or non-sudden accidental occurrence is entered between the owner or operator and a third- party claimant	113	264.147(a)(7)(ii)					
5	final court order establishing judgment for bodily injury or property damage caused by sudden or non-sudden accidental occurrence is issued against the owner or operator or an instrument providing financial assurance	113	264.147(a)(7)(iii)					
4,6	coverage for nonsudden accidental occurrences; ways coverage may be demonstrated	IV A,45,113	264.147(b)					
	demonstrate by having liability insurance with the following requirements:	IV A	264.147(b)(1)					
	attachment of Hazardous Waste Facility Liability Endorsement or Certificate of Liability Insurance; required wording; submittal of signed duplicate original	IV A	264.147(b)(1)(i)					
	minimum requirements for insurer	IV A	264.147(b)(1)(ii)					

		CHECKLIST		ANALOGOUS STATE		STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	REFERENCE	FEDERAL RCRA CITATION	CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	pass financial test or use guarantee for liability coverage as specified in 264.147(f)&(g)	IV A,†27,†11 3	264.147(b)(2)					
	requirements may be met by obtaining letter of credit for liability coverage	IV A,†27,†11 3	264.147(b)(3)					
7	requirements may be met by obtaining surety bond for liability coverage	IV A,†113	264.147(b)(4)					
†	requirements may be met by obtaining trust fund for liability coverage	113	264.147(b)(5)					
†	liability coverage may be demonstrated by combination of mechanisms; amount of coverage must total at least the minimum amount required by 264.147; specification of "primary" and "excess" coverage	113	264.147(b)(6)					
5	notify Regional Administrator in writing whenever:	113	264.147(b)(7)					
5	claims reduce amount of financial assurance for liability coverage	113	264.147(b)(7)(i)					
5	Certification of Valid Claim for bodily injury or property damages caused by sudden or non-sudden accidental occurrence is entered between the owner or operator and a third- party claimant	113	264.147(b)(7)(ii)					
5	final court order	113	264.147(b)(7)(iii)					

			ANALOGOUS STATE		STATE ANALOG IS:		
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
establishing judgment for bodily injury or property damage caused by sudden or non-sudden accidental occurrence is issued against the owner or operator or an instrument providing financial assurance							
requests for variance from 264.147(a) or (b) requirements; form of variance requirements	IV A	264.147(c)					
adjustments to required financial responsibility levels by Regional Administrator; criteria which must be used	IV A	264.147(d)					
when liability coverage may be terminated	IV A,24	264.147(e)					
financial test for liability coverage; criteria of 265.147(f)(1)(i) or (ii) must be met	IV A	264.147(f)(1)					
		264.147(f)(1)(i)					
		264.147(f)(1)(i)(A)					
		264.147(f)(1)(i)(B)					
11		264.147(f)(1)(i)(C)					
what the owner or operator must have	IV A	264.147(f)(1)(ii)					
		264.147(f)(1)(ii)(A)					
		264.147(f)(1)(ii)(B)					
		264.147(f)(1)(ii)(C)					
W		264.147(f)(1)(ii)(D)					
"amount of liability coverage"	IV A	264.147(f)(2)					
three items the owner or	IV A	264.147(f)(3)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	operator must submit		264.147(f)(3)(i)					
			264.147(f)(3)(ii)					
			264.147(f)(3)(iii)					
			264.147(f)(3)(iii)(A)					
			264.147(f)(3)(iii)(B)					
	deadline for submittal	IV A	264.147(f)(4)					
	updated information	IV A	264.147(f)(5)					
	evidence of liability coverage if 264.147(f)(1) requirements not met	IV A,†113	264.147(f)(6)					
	Regional Administrator may disallow test; cause for disallowance	IV A	264.147(f)(7)					_
†,8,9	Guarantee for Liability Co	overage						
	guarantee for liability coverage; requirements guarantor must meet	27,†113	264.147(g)(1)					
	payment by guarantor if owner or operator fails to satisfy a judgment	27	264.147(g)(1)(i)					
10	removed and reserved	27,†113	264.147(g)(1)(ii)					
	corporations incorporated in U.S.	27,†43,†1 13	264.147(g)(2)(i)					
	corporations incorporated outside U.S.	27,†43,†1 13	264.147(g)(2)(ii)					
11	letter of credit for liability coverage	*,†27,†11 3	264.147(h)					
†,12	requirements may be satisfied by obtaining irrevocable standby letter	113	264.147(h)(1)					

	_					STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	of credit that conforms to 264.147(h) requirements and submitting copy to Regional Administrator							
†	criteria for financial institution issuing letter of credit	113	264.147(h)(2)					
†	wording of letter of credit must be identical to wording specified in 264.151(k)	113	264.147(h)(3)					
†	establishment and use of standby trust fund by owner or operator using letter of credit	113	264.147(h)(4)					
†	wording of standby trust fund must be identical to wording specified in 264.151(n)	113	264.147(h)(5)					
†	"Surety bond for liability coverage"	113	264.147(i)					
†	requirements may be satisfied by obtaining surety bond conforming to 264.147(i) requirements and submitting copy to Regional Administrator	113	264.147(i)(1)					
†	criterion for surety company issuing bond	113	264.147(i)(2)					
†	wording of surety bond must be identical to wording specified in 264.151(l)	113	264.147(i)(3)					
†			264.147(i)(4)					
	conditions under which surety bond may be used	113	264.147(i)(4)(i)					
			264.147(i)(4)(ii)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
†	"Trust fund for liability coverage"	113	264.147(j)			GENT	GEIVI	
†	requirements may be satisfied by establishing trust fund and submitting an originally signed duplicate of trust agreement to Regional Administrator	113	264.147(j)(1)					
†	criteria for trustee	113	264.147(j)(2)					
†	trust fund must be funded for full amount of liability coverage it is to provide; requirements if fund is reduced below full amount; definition of "full amount"	113	264.147(j)(3)					
†	wording of trust fund must be identical to wording specified in 264.151(m)	113	264.147(j)(4)					
11	until 10/16/82, use of endorsement or insurance without certification of insurer	*,†27,†11 3	264.147(k)					
	INCAPACITY OF OWNE	ERS OR OPI	ERATORS, GUARAN	TORS, OR FINA	NCIAL I	NSTITU	TIONS	
	incapacity through bankruptcy of owner or operator or guarantor	IV A	264.148(a)					
	incapacity of financial institution by bankruptcy or authority suspension	IV A	264.148(b)					
	WORDING OF THE INST	TRUMENTS	S		1		ı	
	required wording for a trust agreement	IV A	264.151(a)(1)					
	certification of acknowledgment	IV A	264.151(a)(2)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	required wording for a financial guarantee bond	IV A,24,†113	264.151(b)					
	required wording for a performance bond	IV A	264.151(c)					
	required wording for an irrevocable standby letter of credit	IV A,†133	264.151(d)					
	required wording for a certificate of insurance for closure or post-closure care	IV A	264.151(e)					
13	required wording for letter from chief financial officer (financial assurance)	IV A,24,†113	264.151(f)					
14,15	required wording for letter from chief financial officer (liability coverage)	IV A,24,† 27,113	264.151(g)					
16	required wording for corporate guarantee for closure or post-closure care	IV A,27,†113	264.151(h)(1)					
†,4,17	required wording for corporate guarantee for liability coverage	27,43,113	264.151(h)(2)					
	required wording for hazardous waste facility liability endorsement	IV A,†113	264.151(i)					
18	required wording for hazardous waste facility certificate of liability insurance	IV A,†113	264.151(j)					
4,19	wording for letter of credit for liability coverage	113,†133	264.151(k)					
20	wording for surety bond	†113	264.151(1)					

					STATE ANALOG IS:			
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	wording for trust agreement	†113	264.151(m)(1)					
†,21	certification of acknowledgment	113	264.151(m)(2)					
†,22	wording for standby trust agreement	113	264.151(n)(1)					
†	wording for certification of acknowledgment to accompany trust agreement	113	264.151(n)(2)					
	S	UBPART I	- USE AND MANAGE	EMENT OF CONT	ΓAINER	LS		
	APPLICABILITY							
	storage of hazardous waste in containers	IV A	264.170					
	CONDITION OF CONTA	AINERS						
	requirements when container is not in good condition	IV A	264.171					
	COMPATIBILITY OF W	ASTE WITH	H CONTAINERS					
	container must be compatible with hazardous waste	IV A	264.172					
	MANAGEMENT OF CO	NTAINERS						
	closed container during storage	IV A	264.173(a)					
	care in handling	IV A	264.173(b)					
	INSPECTIONS							
	weekly inspections	IV A	264.174					
	CONTAINMENT							
	requirement for a containment system	IV A	264.175(a)					
	containment system	IV A	264.175(b)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
design and operation requirements		264.175(b)(1)					
1		264.175(b)(2)					
		264.175(b)(3)					
		264.175(b)(4)					
		264.175(b)(5)					
containers without free liquids don't require a containment system; exceptions	IV A,14	264.175(c)					
sloped storage area to drain precipitation	IV A	264.175(c)(1)					
elevated containers	IV A	264.175(c)(2)					
containment system		264.175(d)					
requirements for storage of F020-F023, F026, F027	14	264.175(d)(1)					
reserved	14	264.175(d)(2)					
SPECIAL REQUIREMEN	NTS FOR IG	NITABLE OR REAC	ΓΙVE WASTE			_	
required distance from property line	IV A	264.176					
SPECIAL REQUIREMEN	NTS FOR IN	COMPATIBLE WAS	ΓES				
not to be placed in same container	IV A	264.177(a)					
not to be placed in unwashed, previously used container	IV A	264.177(b)					
separation or protection requirements	IV A	264.177(c)					
CLOSURE							
decontamination or removal at closure	IV A	264.178					

AIR EMISSION STANDARDS

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	owner or operator shall manage all hazardous waste placed in container in accordance with requirements of part 264, subpart CC	154	264.179					
			SUBPART J - TANK	SYSTEMS				
	APPLICABILITY							
23	tank systems used for storing or treating hazardous wastes; exceptions	IV A,28,82	264.190					
23	tank systems which contain no free liquids are exempted from 264.193; test Method 9095 must be used to demonstrate absence of free liquids	IV A,†28, †52,126	264.190(a)					
23	tanks in secondary containment systems exempt	IV A,†28, †52	264.190(b)					
	tanks, sumps and other collection devices used in conjunction with Subpart W-regulated drip pads must comply with Part 264 Subpart J requirements	82	264.190(c)					
24	ASSESSMENT OF EXIST	TING TANK	SYSTEM'S INTEGR	ITY				
	written assessment of tank system's integrity	28	264.191(a)					
	adequate design; sufficient structural strength; compatibility with waste(s)	28	264.191(b)					
	minimum assessment	28	264.191(b)(1)					

				STATE ANALOG IS:					
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE		
considerations		264.191(b)(2)							
		264.191(b)(3)							
		264.191(b)(4)							
		264.191(b)(5)							
		264.191(b)(5)(i)							
		264.191(b)(5)(ii)							
12 mos. deadline if materials become hazardous wastes after 7/14/86	28	264.191(c)							
tank systems found to be leaking or unfit for use, compliance with 264.196	28	264.191(d)							
DESIGN AND INSTALLATION OF NEW TANK SYSTEMS OR COMPONENTS									
information to be included in written assessments for new tank systems or components	28	264.192(a)							
design standards	28	264.192(a)(1)							
hazardous characteristics	28	264.192(a)(2)							
contact with soil or water; required determinations	28	264.192(a)(3)							
factors affecting	28	264.192(a)(3)(i)							
potential for corrosion		264.192(a)(3)(i)(A)							
		264.192(a)(3)(i)(B)							
		264.192(a)(3)(i)(C)							
		264.192(a)(3)(i)(D)							
		264.192(a)(3)(i)(E)							
		264.192(a)(3)(i)(F)							
		264.192(a)(3)(i)(G)							

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.192(a)(3)(i)(H)					
		264.192(a)(3)(ii)					
type and degree of		264.192(a)(3)(ii)(A)					
external corrosion protection needed	28	264.192(a)(3)(ii)(B)					
		264.192(a)(3)(ii)(C)					
protection from traffic for underground components	28	264.192(a)(4)					
		264.192(a)(5)					
design considerations to	20	264.192(a)(5)(i)					
ensure protection from environment	28	264.192(a)(5)(ii)					
		264.192(a)(5)(iii)					
		264.192(b)					
	28	264.192(b)(1)					
new tank installation		264.192(b)(2)					
procedures; inspection		264.192(b)(3)					
requirements		264.192(b)(4)					
		264.192(b)(5)					
		264.192(b)(6)					
backfilling requirements for new underground tank systems	28	264.192(c)					
tightness requirement	28	264.192(d)					
protection of ancillary equipment	28	264.192(e)					
corrosion protection requirements	28	264.192(f)					
written statements and certification statements	28	264.192(g)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
4 CONTAINMENT AND D	ETECTION	OF RELEASES					
		264.193(a)					
		264.193(a)(1)					
schedule for providing	20	264.193(a)(2)					
secondary containment for tank systems	28	264.193(a)(3)					
		264.193(a)(4)					
		264.193(a)(5)					
requirements for		264.193(b)					
secondary containment	28	264.193(b)(1)					
systems		264.193(b)(2)					
		264.193(c)					
minimum specifications		264.193(c)(1)					
of secondary	28	264.193(c)(2)					
containment systems		264.193(c)(3)					
		264.193(c)(4)					
		264.193(d)					
devices that satisfy the		264.193(d)(1)					
secondary containment	28	264.193(d)(2)					
requirements		264.193(d)(3)					
		264.193(d)(4)					
additional requirements for secondary containment systems	28	264.193(e)					
additional requirements	28	264.193(e)(1)					
for external liner systems		264.193(e)(1)(i)					
		264.193(e)(1)(ii)					
		264.193(e)(1)(iii)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.193(e)(1)(iv)					
		264.193(e)(2)					
		264.193(e)(2)(i)					
		264.193(e)(2)(ii)					
additional requirements for vault systems		264.193(e)(2)(iii)					
	28	264.193(e)(2)(iv)					
		264.193(e)(2)(v)					
		264.193(e)(2)(v)(A)					
		264.193(e)(2)(v)(B)					
		264.193(e)(2)(vi)					
		264.193(e)(3)					
additional requirements	28	264.193(e)(3)(i)					
for double-walled tanks		264.193(e)(3)(ii)					
		264.193(e)(3)(iii)					
secondary containment requirements for ancillary equipment; exceptions	28	264.193(f)					
aboveground piping	28	264.193(f)(1)					
welded parts and connections	28	264.193(f)(2)					
sealless or magnetic coupling pumps and sealless valves	28,52	264.193(f)(3)					
pressurized aboveground piping systems with automatic shut-off devices	28	264.193(f)(4)					
Variance from Section Regeneral requirements for	quirements	<u> </u>				I	
Demonar requirements for	100	064 1026		1			

†,8	Variance from Section Rec	quirements				
	general requirements for variance	28	264.193(g)			

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
considerations in		264.193(g)(1)					
granting variance based		264.193(g)(1)(i)					
on demonstration of equivalent ground water	28	264.193(g)(1)(ii)					
and surface water protection		264.193(g)(1)(iii)					
		264.193(g)(1)(iv)					
factors to be considered in granting a variance	28	264.193(g)(2)					
-		264.193(g)(2)(i)					
		264.193(g)(2)(i)(A)					
factors regarding the potential adverse effects	28	264.193(g)(2)(i)(B)					
on ground water, surface water and land quality	28	264.193(g)(2)(i)(C)					
nate and take quarty		264.193(g)(2)(i)(D)					
		264.193(g)(2)(i)(E)					
	28	264.193(g)(2)(ii)					
factors regarding the		264.193(g)(2)(ii)(A)					
potential adverse effects of a release on ground		264.193(g)(2)(ii)(B)					
water quality		264.193(g)(2)(ii)(C)					
		264.193(g)(2)(ii)(D)					
		264.193(g)(2)(iii)					
		264.193(g)(2)(iii)(A					
factors regarding the potential adverse effects		264.193(g)(2)(iii)(B					
of a release on surface water quality	28	264.193(g)(2)(iii)(C					
		264.193(g)(2)(iii)(D					
		264.193(g)(2)(iii)(E)					
factors regarding the	28	264.193(g)(2)(iv)					

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	potential adverse effects of a release on the land		264.193(g)(2)(iv)(A					
			264.193(g)(2)(iv)(B)					
			264.193(g)(3)					
	requirements if release		264.193(g)(3)(i)					
	occurs from primary tank	20	264.193(g)(3)(ii)					
	system but no migration beyond zone of	28	264.193(g)(3)(ii)(A)					
	engineering control		264.193(g)(3)(ii)(B)					
			264.193(g)(3)(iii)					
			264.193(g)(4)					
	requirements if release occurs and migrates	28	264.193(g)(4)(i)					
	beyond zone of engineering control		264.193(g)(4)(ii)					
			264.193(g)(4)(iii)					
†,8	Variance Procedures							
			264.193(h)					
			264.193(h)(1)					
			264.193(h)(1)(i)					
	procedures for requesting a variance	28	264.193(h)(1)(ii)					
	requesting a variance		264.193(h)(2)					
			264.193(h)(3)					
			264.193(h)(4)					
	requirements for all tank	28	264.193(i)					
	systems until such time as secondary		264.193(i)(1)					
	containment is provided		264.193(i)(2)					

STATE ANALOG IS:

SYSTEMS

						STATE A	NALOG IS:	1
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADEI IN SCOPE
			264.193(i)(3)					
			264.193(i)(4)					
			264.193(i)(5)					
1	GENERAL OPERATING	REQUIRE	MENTS				1	
	when hazardous waste or treatment reagents must not be placed in tank systems	28	264.194(a)					
			264.194(b)					
	minimum controls and	20	264.194(b)(1)					
	practices to prevent spills and overflows	28	264.194(b)(2)					
			264.194(b)(3)					
	264.196 requirements if a leak or spill occurs in the system	14,28	264.194(c)					
4	INSPECTIONS							
	schedule and procedure for inspecting overfill controls	28	264.195(a)					
			264.195(b)					
	daily inspection	20	264.195(b)(1)					
	requirements	28	264.195(b)(2)					
			264.195(b)(3)					
	minimum inspection		264.195(c)					
	frequency for cathodic	28	264.195(c)(1)					
	protection systems		264.195(c)(2)					
	document in operating record	28	264.195(d)					

				STATE ANALOG IS:					
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE		
immediate removal from service of leaking or unfit-for-use tank or secondary containment system	28,52	264.196							
cessation of use; prevent flow or addition of wastes	28	264.196(a)							
schedule for removal of		264.196(b)(1)							
waste from tank system or secondary containment system	28	264.196(b)(2)							
containment of visible		264.196(c)							
releases to the	28	264.196(c)(1)							
environment		264.196(c)(2)							
		264.196(d)(1)							
		264.196(d)(2)							
		264.196(d)(2)(i)							
no assimo di modificatione		264.196(d)(2)(ii)							
required notifications and reports following	28	264.196(d)(3)							
any release to the environment	20	264.196(d)(3)(i)							
		264.196(d)(3)(ii)							
		264.196(d)(3)(iii)							
		264.196(d)(3)(iv)							
		264.196(d)(3)(v)							
		264.196(e)(1)							
provision of secondary containment, repair, or	28	264.196(e)(2)							
closure		264.196(e)(3)				-			
		264.196(e)(4)							
certification of major repairs	28	264.196(f)							

•						STATE A	NALOG IS:			
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE		
24	CLOSURE AND POST-C	CLOSURE C	ARE							
	general closure requirements	28	264.197(a)							
	specific requirements when contaminated soils cannot practically be removed or decontaminated; closure as a landfill	28	264.197(b)							
	closure plans and		264.197(c)							
	financial responsibility requirements for tank		264.197(c)(1)							
	systems without secondary containment		264.197(c)(2)							
	that fall under 264.193(b)-(f) and are not exempt from secondary containment requirements	28	264.197(c)(3)							
			264.197(c)(4)							
			264.197(c)(5)							
	SPECIAL REQUIREMEN	NTS FOR IG	GNITABLE OR REACTIVE WASTES							
	no ignitable or reactive waste in tank systems unless:	IV A,28	264.198(a)							
			264.198(a)(1)							
	waste is treated, rendered or mixed	IV A,28	264.198(a)(1)(i)							
			264.198(a)(1)(ii)							
	waste is protected	IV A,28	264.198(a)(2)							
-	system used solely for emergencies	IV A,28	264.198(a)(3)							
	maintenance of protective distances	IV A,28	264.198(b)							
	SPECIAL REQUIREMEN	NTS FOR IN	COMPATIBLE WAS	ΓES			1			
	no placement of incompatible wastes in tank system unless compliance with	IV A,28	264.199(a)							

				ANALOGOUS STATE CITATION	STATE ANALOG IS:			
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION		EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	264.17(b)							
	no placement in contaminated tank system unless compliance with 264.17(b)	IV A,28	264.199(b)					
25	The owner or operator shall manage all hazardous waste placed in a tank in accordance with the requirements of subpart CC of this part.	14,28, 154	264.200					

The October 22, 1998 rule (63 <u>FR</u> 56710) contains a typographical error. The internal reference to "264.110(d)" should be to "264.110(c)".

In Checklist IV A, this text was included in 264.142(a).

Note that there is an error in the September 6, 1992 (57 <u>FR</u> 42832; Revision Checklist 113) <u>Federal Register</u>; at 264.145(f)(11) "direct of higher tier" should be "direct or higher tier."

Note that in Revision Checklist 113 (the Consolidated Liability Requirements Checklist), the changes to this citation addressed by the September 1, 1988 (53 <u>FR</u> 33938) final rule are optional whereas the changes addressed by the July 1, 1991 (56 <u>FR</u> 30200) final rule are required.

The September 1, 1988 (53 FR 33938) rule added 264.147(a)(7) and (b)(7) to the code, and the September 16, 1992 rule (57 FR 42832) revised them (including adding 264.147(a)(7)(iii) and (b)(7)(iii)). Note that the preamble of the September 1, 1988 Federal Register incorrectly characterized these paragraphs as less stringent. The September 16, 1992 Federal Register clarified this issue by stating that, in fact, these paragraphs are more stringent because they address an additional reporting requirement. The amendment made by the September 16, 1992 rule made these requirements less stringent than those introduced by the September 1, 1988 rule. Thus, those States that adopted the more stringent September 1, 1988 provisions are not required to adopt the amendments made by the September 16, 1992 rule, although EPA urges them to do so. States that did not adopt the September 1, 1988 requirements at 264.147(a)(7) and (b)(7) should not do so but should adopt the clarified version promulgated by the September 16, 1992 rule.

Revision Checklist 45 added the reference to miscellaneous units to the first sentence of this paragraph. When the September 1, 1988 rule revised this paragraph, the Revision Checklist 45 change was inadvertently omitted. The July 1, 1991 rule restored the Revision Checklist 45 reference to miscellaneous units.

- The September 1, 1988 rule (53 <u>FR</u> 33938; Revision Checklist 113) completely revised 264.147(b)(4) and deleted subparagraphs 264.147(b)(4)(i)-(iii).
- Citations within the double lines are optional, but if a State chooses to modify its program to adopt requirements equivalent to these provisions, it must adopt such requirements as a unit rather than by individual provision. In other words, all or none of these provisions must be included in a State's code. Subsequent changes to these provisions may or may not be optional for States that have chosen to adopt the optional unit of provisions. An optional sign appears in front of the subsequent revision checklist number(s) if such subsequent changes are less stringent than or reduce the scope of the unit's requirements.
- The September 1, 1988 rule (53 <u>FR</u> 33938; Revision Checklist 113) changed the heading for this paragraph by removing "corporate" before "guarantee."
- Note that only (g)(1)(ii) is removed and reserved; (g)(1)(i) remains as it was prior to the September 1, 1988 final rule addressed by Revision Checklist 113.
- The September 1, 1988 rule (53 <u>FR</u> 33938, Revision Checklist 113) redesignated the old 264.147(h) as 264.147(k) and added a new paragraph 264.147(h). Although not included in Checklist IV B, the text of the old 264.147(h) (now 264.147(k)) was included in the base program as 264.147(g). The paragraph was designated as 264.147(h) by Revision Checklist 27.
- Note that there is an error in the September 1, 1988 <u>Federal Register</u> (53 <u>FR</u> 33938; Revision Checklist 113); "letter or credit" should be "letter of credit".
- The changes addressed by Revision Checklist 113 at this citation are "conditionally optional" because they are linked to whether a State chooses to adopt the Revision Checklist 113 optional changes at 264.143(f)(10), 264.145(f)(11), 265.143(e)(10) and 265.145(e)(11). If a State chooses to adopt the optional changes at 264.143(f)(10), 264.145(f)(11), 265.143(e)(10) and 265.145(e)(11), it must also adopt the changes at this citation. If the State does not adopt those changes, it should not adopt the Revision Checklist 113 changes at 264.151(f).
- Note that in Revision Checklist 113 (the Consolidated Liability Requirements Checklist), the changes to this citation addressed by the September 1, 1988 (53 FR 33938) final rule are required whereas the changes addressed by the September 16, 1992 (56 FR 30200) final rule are optional. However, the changes addressed by the September 16, 1992 rule are "conditionally optional" because they are linked to whether a State chooses to adopt the Revision Checklist 113 optional changes at 264.147(f)(6) and 265.147(f)(6). If a State chooses to adopt the optional changes at 264.147(f)(6) and 265.147(f)(6), it must also adopt the changes made by the September 16, 1992 final rule at this citation. If the State does not adopt those changes, it should not adopt the September 16, 1992 changes at 264.151(g).
- Note that there are several typographical errors in the <u>Federal Register</u> at 264.151(g) as indicated below:

Federal citation	Federal Register location	Error/Corrections
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264.151(g) paragraph 4, line 5	57 <u>FR</u> 42837, column 3	"'nonsudden' of 'both sudden" should read "'nonsudden' or 'both sudden"
264.151(g), item 3., line	57 <u>FR</u> 42838, column 1	"subpart H or 40 CFR parts" should read "subpart H of 40 CFR parts"
264.151(g), Part A, Alternative I.3	57 <u>FR</u> 42838, column 1	"Current \$" should read "Current <u>liabilities</u> \$"
264.151(g), Part B, Alternative II.7., line 5	57 <u>FR</u> 42838, column 3	")\$" should be ") \$"

The changes addressed by Revision Checklist 113 at this citation are "conditionally optional" because they are linked to whether a State chooses to adopt the Revision Checklist 113 optional provisions at 264.147(h)(4), 264.147(h)(5), 265.147(h)(4) and 265.147(h)(5), if a State chooses to adopt the optional provisions at 264.147(h)(4), 264.147(h)(5), 265.147(h)(4) and 265.147(h)(5), it must also adopt the changes at this citation. If the State does not adopt those provisions, it should not adopt the Revision Checklist 113 changes at 264.151(h)(1).

Note that there are several typographical errors in the <u>Federal Register</u> at 264.151(h)(2) as indicated below:

Federal citation	Federal Register location	Error/Corrections
264.151(h)(2), Guarantee for Liability Coverage, line 15	57 <u>FR</u> 42839, column 3	"or which guarantor is" should read "of which guarantor is"
264.151(h)(2), Guarantee for Liability Coverage, line 19	57 <u>FR</u> 42839, column 3	"264.141(h)]" should read "264.141(h) or 265.141(h)]"
264.151(h)(2), Certification of Valid Claim, line 8	57 <u>FR</u> 42840, column 2	insert "]" after "facility"

Note that there is a typographical error in the <u>Federal Register</u>; in line three of the revised text of (j)(2)(d) shown at 53 <u>FR</u> 33955, "corportation" should be "corporation".

Note that there are several typographical errors in the <u>Federal Register</u> at 264.151(k) as indicated below:

Federal citation	<u>Federal Register</u> location	Error/Corrections
264.151(k), Irrevocable Standby Letter of Credit, line 26	57 <u>FR</u> 42840, column 3	insert "]" after "trust fund:"

264.151(k), (2), 2nd paragraph, lines 2 & 5	57 <u>FR</u> 42841, column 1	delete "]" in "[date]" in line 2 add "]" after "[date" in line 5
264.151(k), (2), 4th paragraph, line 7	57 <u>FR</u> 42841, column 1	end paragraph with "]"

- Note that there are several errors in the September 1, 1988 Federal Register. Explanatory paragraph 10, as well as the actual text of the revised code, should read "(1)" rather than "(1)" (letter rather than number one). Also, the first sentence of the introductory text for the surety bond should reference "\\$ 264.147(i) or \\$ 265.147(i)" rather than "\\$ 264.147(h) or \\$ 265.147(h)".
- Note that the introductory paragraph for 264.151(m)(2) is not clearly distinguished from the preceding and following certifications. In the middle of the third column at 53 FR 33958, the paragraph numbered (2) and ending with "of this acknowledgment." is the introductory paragraph and should have been printed in the larger type size used for such paragraphs. The example of the certification begins "State of".
- Note that there is a typographical error in the <u>Federal Register</u> at 264.151(n)(1) as indicated below:

Federal citation	Federal Register location	Error/Corrections
264.151(n)(1) Standby Trust Agreement Section 3(e)(3)	57 <u>FR</u> 42841, column 3	insert "to" after "Property loaned"

- Revision Checklist 28 completely revised this base program paragraph (Checklist IV A). Note that in the base program, the content of the current 264.190 introductory paragraph was originally located at 264.190(a).
- Revision Checklist 28 completely reorganized and revised the regulations pertaining to tank systems which originally appeared in Checklist IV A at 264.191 through 264.197.
- Revision Checklist 14 originally introduced 264.200 to the Federal code. Revision Checklist 28 removed the paragraph. New text designated as 264.200 was introduced by the November 25, 1996 rule of Revision Checklist 154 (61 <u>FR</u> 59932).