

US EPA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 181

Universal Waste Rule: Specific Provisions for Hazardous Waste Lamps

64 FR 36466-36490

July 6, 1999

(RCRA Cluster X, Non-HSWA)

Note: In order for a state to receive authorization for this checklist, which adds spent hazardous waste lamps to the list of universal wastes, it must first have authorization for Revision Checklist 142 A (universal waste).

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRI N- GENT	MORE STRI N- GENT	BROADER IN SCOPE
PART 260 - HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL						
SUBPART B - DEFINITIONS						
DEFINITIONS						
add “Lamp” in alphabetical order	260.10					
in definition of “universal waste”, introduction, replace “40 CFR part 273” with “part 273 of this chapter”; subparagraph (1), replace “40 CFR 273.2” with “§ 273.2 of this chapter”; subparagraph (2), replace “40 CFR 273.3; and” with “§ 273.3 of this chapter;”; subparagraph (3), replace “40 CFR 273.4.” with “§ 273.4 of this chapter; and”; add subparagraph (4) addressing lamps	260.10					
PART 261 - IDENTIFICATION AND LISTING OF HAZARDOUS WASTE						
SUBPART A - GENERAL						
REQUIREMENTS FOR UNIVERSAL WASTE						

**RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† replace “40 CFR 273.3; and” with “§ 273.3 of this chapter;”	261.9(b)					
† replace “40 CFR 273.4.” with “§ 273.4 of this chapter; and”	261.9(c)					
† add paragraph addressing lamps	261.9(d)					

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

SUBPART A - GENERAL

PURPOSE, SCOPE, AND APPLICABILITY

† replace “40 CFR 273.3; and” with “§ 273.3 of this chapter;”	264.1(g)(11)(ii)					
† replace “40 CFR 273.4.” with “§ 273.4 of this chapter; and”	264.1(g)(11)(iii)					
† add subparagraph addressing lamps	264.1(g)(11)(iv)					

**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 “40 CFR 273.3; and” with “§ 273.3 of this chapter;”	265.1(c)(14)(ii)					
† replace “40 CFR 273.4.” with “§ 273.4 of this chapter; and”	265.1(c)(14)(iii)					
† add subparagraph addressing lamps	265.1(c)(14)(iv)					

**RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (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

PURPOSE, SCOPE, AND APPLICABILITY

† replace “40 CFR 273.3; and” with “§ 273.3 of this chapter;”	268.1(f)(2)					
† replace “40 CFR 273.4.” with “§ 273.4 of this chapter; and”	268.1(f)(3)					
† add subparagraph addressing lamps	268.1(f)(4)					

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

SUBPART A - GENERAL INFORMATION

PURPOSE AND SCOPE OF THESE REGULATIONS

† replace “40 CFR 273.3; and” with “§ 273.3 of this chapter;”	270.1(c)(2)(viii)(B)					
† replace “40 CFR 273.4.” with “§ 273.4 of this chapter; and”	270.1(c)(2)(viii)(C)					
† add subparagraph addressing lamps	270.1(c)(2)(viii)(D)					

PART 273 - STANDARDS FOR UNIVERSAL WASTE MANAGEMENT

SUBPART A - GENERAL

SCOPE

† replace “40 CFR 273.3; and” with “§ 273.3;”	273.1(a)(2)					
† replace “40 CFR 273.4.” with “§ 273.4; and”	273.1(a)(3)					

RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† add subparagraph addressing lamps	273.1(a)(4)					

APPLICABILITY - BATTERIES

† replace “§ 273.6” with “§ 273.9”	273.2(a)(1)					
† replace “§ 273.6” with “§ 273.9”	273.2(b)(2)					
† replace “§ 273.6” with “§ 273.9”; remove “40 CFR” before “part 261” and insert “of this chapter” after “subpart C”	273.2(b)(3)					

APPLICABILITY - PESTICIDES

† replace “40 CFR” with “this”; replace “§ 273.6” with “§ 273.9”	273.3(a)					
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APPLICABILITY - MERCURY THERMOSTATS

† replace “40 CFR” with “this”; replace “§ 273.6” with “§ 273.9”	273.4(a)					
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APPLICABILITY - LAMPS

† redesignate old 273.5 as 273.8; add new paragraph; lamps covered under part 273	273.5(a)					
† add new paragraph; lamps not covered under part 273	273.5(b)					
	273.5(b)(1)					
	273.5(b)(2)					

RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIV- ALENT	LESS STRI N- GENT	MORE STRI N- GENT	BROADER IN SCOPE
† add new paragraphs; generation of waste lamps	273.5(c)					
	273.5(c)(1)					
	273.5(c)(2)					
RESERVED						
† redesignate old 273.6 as 273.9 and reserve	273.6					
† add and reserve	273.7					
APPLICABILITY - HOUSEHOLD AND CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR WASTE						
† redesignated from 273.5; unchanged	273.8(a)					
† replace “40 CFR 261.4(b)(1)” with “§ 261.4(b)(1) of this chapter”; replace “40 CFR 273.6” with “§ 273.9”	273.8(a)(1)					
† replace “40 CFR 261.5” with “§ 261.5 of this chapter”; replace “40 CFR 273.6” with “§ 273.9”	273.8(a)(2)					
† unchanged	273.8(b)					
DEFINITIONS						
† newly designated 273.9 from 273.6, is amended by adding the definition of “Lamp”	273.9					

RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† in definition of “large quantity handler of universal waste” replace “or thermostats,” with “thermostats, or lamps,”	273.9					
† in definition of “small quantity handler of universal waste” replace “more than 5,000 kilograms” with “5,000 kilograms or more”; replace “or thermostats,” with “thermostats, or lamps,”	273.9					
2,3† in definition of “universal waste”, introduction, replace “40 CFR” with “this”; subparagraph (1), replace “40 CFR” with “§”; subparagraph (2), replace “40 CFR 273.3; and” with “§ 273.3;”; subparagraph (3), replace “40 CFR 273.4.” with “§ 273.4; and”; add subparagraph (4) addressing lamps	273.9					

SUBPART B - STANDARDS FOR SMALL QUANTITY HANDLERS OF UNIVERSAL WASTE

APPLICABILITY

† replace “273.6” with “273.9”	273.10					
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WASTE MANAGEMENT

RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† add new paragraph; small quantity handlers of universal waste must manage lamps to prevent releases	273.13(d)					
† lamp must be in containers that are structurally sound, adequate to prevent breakage & compatible; containers must remain closed & lack evidence of leakage, spillage or damage that could cause leakage	273.13(d)(1)					
† immediately clean up & place in a container any broken lamp or lamp with evidence of breakage, leakage, or damage that could cause a leak; containers must be closed, structurally sound, compatible, & lack evidence of leakage, spillage or damage that could cause a leak	273.13(d)(2)					

LABELING/MARKING

† add new paragraph; each lamp or container in which lamps are contained must be clearly labeled or marked with "Universal Waste-Lamp(s)" or "Waste Lamp(s)" or "Used Lamp(s)"	273.14(e)					
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SUBPART C - STANDARDS FOR LARGE QUANTITY HANDLERS OF UNIVERSAL WASTE

APPLICABILITY

**RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (cont'd)**

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† replace “40 CFR 273.6” with “§ 273.9”	273.30					

NOTIFICATION

† insert “, lamps” after “thermostats”	273.32(b)(4)					
† replace “kilograms” with “kg”; insert “, and lamps” after “thermostats”	273.32(b)(5)					

MANAGEMENT

† add new paragraph; large quantity handlers of universal waste must manage lamps to prevent releases	273.33(d)					
† lamp must be in containers that are structurally sound, adequate to prevent breakage & compatible; containers must remain closed & lack evidence of leakage, spillage or damage that could cause leakage	273.33(d)(1)					
† immediately clean up & place in a container any broken lamp or lamp with evidence of breakage, leakage, or damage that could cause a leak; containers must be closed, structurally sound, compatible, & lack evidence of leakage, spillage or damage that could cause a leak	273.33(d)(2)					

LABELING/MARKING

RCRA REVISION CHECKLIST 181: Universal Waste Rule:
Specific Provisions for Hazardous Waste Lamps (cont'd)

FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
			EQUIVALENT	LESS STRINGENT	MORE STRINGENT	BROADER IN SCOPE
† add new paragraph; each lamp or container in which lamps are contained must be clearly labeled or marked with “Universal Waste–Lamp(s)” or “Waste Lamp(s)” or “Used Lamp(s)”	273.34(e)					
SUBPART D - STANDARDS FOR UNIVERSAL WASTE TRANSPORTERS						
APPLICABILITY						
† replace “40 CFR 273.6” with “§ 273.9”	273.50					
SUBPART E - STANDARDS FOR DESTINATION FACILITIES						
APPLICABILITY						
† replace “40 CFR 273.6” with “§ 273.9”; replace ending semicolon with a period	273.60(a)					
SUBPART G - PETITIONS TO INCLUDE OTHER WASTES UNDER 40 CFR PART 273						
FACTORS FOR PETITIONS TO INCLUDE OTHER WASTES UNDER THIS PART 273						
† replace both occurrences of “40 CFR part 273” with “this part 273”; replace “40 CFR 260.10” with “§ 260.10 of this chapter”; replace “273.6” with “§ 273.9”	273.81(a)					

¹ There is a typographical error in the Federal Register: “part § 273 of this chapter” should be “part 273 of this chapter” (there should not be a section (§) symbol).

² There is a typographical error in the Federal Register for the revised definition of “universal waste”: “hazardous waste that are” should be “hazardous wastes that are”.

RCRA REVISION CHECKLIST 181: Universal Waste Rule:

Specific Provisions for Hazardous Waste Lamps (cont'd)

³There appears to be an error in the Federal Register in the first two subparagraphs for the revised definition of “universal waste”. It appears that the ending colons were inadvertently removed. Thus, subparagraph (1) should end “in § 273.2_i” and subparagraph (2) should end “in § 273.3_i”.