US ERA ARCHIVE DOCUMENT

(12) that adds halogen

RCRA REVISION CHECKLIST 85

Burning of Hazardous Waste in Boilers and Industrial Furnaces 56 <u>FR</u> 7134-7240 February 21, 1991 (RCRA Cluster I, HSWA and non-HSWA provisions)

- 1) There are numerous typographical and technical errors in the final rule addressed by this checklist; where they are obvious, we have noted them. On July 17, 1991 ($56 \ \underline{FR}$ 32688; Revision Checklist 94) extensive corrections were made to the final rule addressed by this checklist because of the many typographical and other errors found in the February 21, 1991 final rule. The Agency also published a second technical correction on August 27, 1991 ($56 \ \underline{FR}$ 42504; Revision Checklist 96), which reversed the revisions to 265.112(d)(2), 265.113(a) and 265.113(b) made by the final rule addressed by this present checklist, which contains these revisions as published in that February 21, 1991 ($56 \ \underline{FR}$ 7134) final rule. States are cautioned <u>not</u> to make the corrections to these citations as requested by this checklist. Otherwise those corrections will have to be undone when Revision Checklist 96 is applied for.
- 2) States applying for Revision Checklist 85 are urged to adopt the Revision Checklists 94 and 96 changes at the same time the requirements addressed by Revision Checklist 85 are adopted. States that have already adopted the provisions addressed by Revision Checklist 85 are strongly encouraged to apply for the Revision Checklists 94 and 96 provisions as soon as possible.
- 3) Note that on September 5, 1991 (56 $\overline{\text{FR}}$ 43874; Revision Checklist 98), an administrative stay was published affecting this final rule, by delaying when the permit standards become effective for coke ovens burning certain hazardous wastes from a coke by-products recovery process. The changes addressed by Revision Checklist 98 are optional.
- 4) The regulations addressed by this checklist typically do not make a distinction between the various types of burning devices. However, the provisions in the regulations as they apply to sludge dryers, carbon regeneration units, infrared incinerators, and plasma arc incinerators are non-HSWA requirements, while the regulations as they apply to all other types of burning devices are HSWA provisions. EPA will implement the HSWA requirements in authorized States until the States modify their programs and such modifications are approved by EPA. The non-HSWA requirements are applicable only in those States that do not have authorization. In authorized States, the non-HSWA requirements will not be applicable until States revise their programs to adopt equivalent requirements under State law.

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	***************************************	MORE	BROAD -
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
	PART 260 - HAZARDOUS	WASTE MANAGEMENT SYSTEM	: GENERAL		
	SUBP/	ART B - DEFINITIONS			
change "Parts 260					
through 265 and 268"					
to "Parts 260 through					
266 and 268"	260.10(intro)	335.1	X		
"carbon regeneration					
uni t ^u	260.10	335.1	X		
revise "incinerator"	260.10(1)&(2)	335.1	×		
replace "controlled					
flame devices" with					
"thermal treatment" in					
introductory text of the					
definition for					
"industrial furnace"	260.10	335.1	X		
redesignate paragraph					
(12) in the definition					
for "industrial furnace"					
as paragraph (13);					
add new paragraph					

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD ER IN SCOPE
considered industrial furnaces	260.10(12)&(13)	335.1			X
"infrared incinerator"	260.10	335.1	Χ	****	
"plasma arc					
incinerator"	260.10	335.1	X		
"sludge dryer"	260.10	335.1	X	***************************************	
REFERENCES add to the first set of listings, in alpha- betical order: "U.S. EPA, Screening Procedures for Esti- mating the Air Quality Impact of Stationary Sources"	260.11(a)	335.2(j)	Х		
	PART 261 - IDENTIFICAT	ION AND LISTING OF HAZARD	OUS WASTE		
	SUBA	PART A - GENERAL			
DEFINITION OF SOLID WASTE redesignate (d)(2) as (d)(3); add new paragraph (d)(2) regarding secondary materials fed to a halogen acid furnace that exhibit a characteristic or are a listed waste	 261.2(d)(2)	335.1(G)(iv)	X		
redesignate old 261.2(d)(2) as	201.2(0/)2/	333.1.(0)1.1.1			
261.2(d)(3)	261.2(d)(3)	335.1(G)(iv)	X		····
EXCLUSIONS add exclusion for coke and coal tar when used as a fuel that contains or is produced from K087; production process in a coke oven also excluded from regulation insert "except as provided by §266.112 of this chapter for facilities that burn or	261.4(a)(10)	335.1(A)(iv)	X		
process hazardous waste" at end of					
paragraph revise first sentence to include phosphate rock and overburden from the mining of uranium ore in the existing parenthetical phrase; insert "except as provided by §266.112	261.4(b)(4)	335.1	х		

CLOSURE PLAN: AMENDMENT OF PLAN insert "or by six

months after the

effective date of the rule that first subjects

RCRA REVISION CHECKLIST 85: Burning of Hazardous Waste in Boilers and Industrial Furnaces (cont'd)

			STATE ANALOG IS:		
FEDERAL DECULI DEMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE
REQUIREMENT	CITALION	(2,1,1,1,0,1			
of this chapter for facilities that burn or process hazardous					
waste" at end of first	261.4(b)(7)	335.1	X		
sentence add "except as provided by §266.112 of this chapter for facilities that burn or process hazardous	201.4(D)(7)	333.1	^		
waste" to end of paragraph	261.4(b)(8)	335.1	×		
REQUIREMENTS FOR RECYCLABURED PER PARA PARA PARA PARA PARA PARA PARA	E MATERIALS				
261.6(a)(3)(vii)	261.6(a)(3)(vii)	335.24(c)	X		
redesignate					
261.6(a)(3)(ix) as 261.6(a)(3)(viii)	261.6(a)(3)(viii)	335.24(c)	X		
	SUBPART G -	CLOSURE AND POST-CLOSURE			
CLOSURE OF PLAN; AMENDMENT	T OF PLAN				
add sentence regarding written notification of Regional Administrator at least 45 days prior to partial or final closure of a boiler or industrial furnace	264.112(d)(1)	335.152(a)(5)	X		
industriat ruriace					
	SUBPAR	RT O - INCINERATORS			
ADDI ICADII ITY					
APPLICABILITY regulations apply to owners and operators of hazardous waste incinerators (as defined in 260.10) except as 264.1					
provides otherwise	264.340(a)	335.152(a)(13)	X		
	PART 265 - INTERIM STATUS	STANDARDS FOR OWNERS AND C	OPERATORS OF		

SUBPART G - CLOSURE AND POST-CLOSURE

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	EQUIV-	MORE STRIN-	BROAD- ER IN
FEDERAL	RCRA	STATE CITATION	ALENT	GENT	SCOPE
REQUIREMENT	CITATION	CITATION	rus III		
a the burning					
insert "or by six months after the					
effective date of the					
rule that first subjects					
a facility to provisions					
of this section" after		775 4474 1441			
"By May 19, 1981"	265.112(a)	335.112(a)(6)	Х		
add sentence					
regarding submittal					
of closure plan					
at least 45 days prior to beginning					
partial or final closure					
of a boiler or					
industrial furnace; add					
sentence regarding					
written notification at			•		
least 45 days prior to					
beginning partial or					
final closure of a					
boiler or industrial furnace when the					
owner or operator has					
an approved closure					
plan	265.112(d)(1)	335.112(a)(6)	X		
restructure paragraph					
by deleting the					
subparagraph					
designations (i) and	***************************************				
(ii) and the text					
under (ii); add "Exception for boilers					
and industrial furnaces					
that operate under					
interim status, as					
specified by					
266.103(c)(7)(i)(B)					
or (C)" at beginning of					
paragraph; add					
sentence at end of					
paragraph requiring					
the date when interim					
status boilers and industrial furnaces					
expect to begin					
closure to be within					
30 days of failure					
to meet					
266.103(c)(7)(i)(B)					
or (C) deadline	265.112(d)(2)	335.112(a)(a)(6)	X		

CLOSURE; TIME ALLOWED FOR CLOSURE
remove text regarding
the final volume of

the final volume of nonhazardous waste; add text regarding the 90-day requirement for

			STATE	ANALOG IS:	
	FEDERAL	ANALOGOUS	E01111	MORE STRIN-	BROAD- ER IN
FEDERAL	RCRA	STATE	EQUIV- ALENT	GENT	SCOPE
REQUIREMENT	CITATION	CITATION	ALERI	GLN1	00012
a boiler or industrial		•			
furnace that does not					
submit a complete					
certification of					
compliance by the					
266.103(c)(7)(i)(B) or (C) deadline	265.113(a)	335.112(a)(6)	x		
remove text regarding	2003.113(07				
the final volume of					
nonhazardous waste;					
add text regarding the					
180-day requirement					
for a boiler or industrial furnace that					
does not submit a					
complete certification					
of compliance by the					
266.103(c)(7)(i)(B)					
or (C) deadline	265,113(b)	335.112(a)(6)	X		
	SUBI	PART O - INCINERATORS			
APPLICABILITY					
regulations apply to					
owners and operators					
of hazardous waste incinerators (as defined					
in 260.10) except as					
264.1 provides	galater.	•			
otherwise	265.340(a)	335.112(a)(14)	X		
PA	RT 266 - STANDARDS FOR	THE MANAGEMENT OF SPECIFIC H	HAZARDOUS WASTE	\$	
	AND SPECIFIC TYPES OF	HAZARDOUS WASTE MANAGEMENT	FACILITIES		
	SUBPART D - HAZARD	OUS WASTE BURNED FOR ENERGY	RECOVERY		
remove and reserve	repeal o				
Subpart D	266.30-266.35				
SUI	BPART H - HAZARDOUS WAST	TE BURNED IN BOILERS AND IND	USTRIAL FURNACI	ES	
APPLICABILITY					
regulations apply to					
hazardous waste					
burned or processed					
in a boiler or industrial					
furnace, irrespective of					
purpose, except as					
266.100(b),(c) and (d) provide; definition of					
"burn":					
266.104-266.107					
emissions standards					
apply to interim status					
or permitted facilities	266.100(a)	335.221(a)(1)	X		
hazardous wastes and					
facilities not subject					

			STATE ANALOG IS:		
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN-	BROAD - ER IN
EQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
o regulation under		,			
Subpart H:	266.100(b)	335.221(b)	X		
used oil burned for					
energy recovery that					
is hazardous solely					
pecause it exhibits a					
characteristic; regulated			v		
under 266, Subpart E	266.100(b)(1)	335.221(b)	X		
gas recovered from					
landfills and burned		775 77476	v		
for energy recovery	266.100(b)(2)	335.221(b)			
exempt hazardous					
wastes under 261.4					
and 261.6(a)(3)(v)-(viii);					
CESQG hazardous	244 4004 4473	335.221(b)	٧		
wastes under 261.5	266.100(b)(3)	337.221(0)			
coke ovens burning	0// 400/15//5	335.221(b)	Y		
only K087	266.100(b)(4)	337.221(0)			
owners and operators					
of smelting, melting					
and refining furnaces					
processing hazardous					
waste solely for metal					
recovery conditionally					
exempt, except for	266.100(c)	335.221(a)(1)	X		
266.101 and 266.112	260.100(€)	333:22:\\0\\.\\			
requirements for					
exemption from					
266.102 through	266.100(c)(1)	335.221(a)(1)	X		
266.111 one-time written	288.100(€)(1)				
notice indicating:	266.100(c)(1)(i)	335.221(a)(1)	X		
owner or operator	200.100/0/////				
claims 266.100(c)					
exemption	266.100(c)(1)(i)(A)	335.221(a)(1)	X		
metal recovery as per					
266.100(c)(2)					
provisions	266.100(c)(1)(i)(B)	335.221(a)(1)	X		<u> </u>
recoverable levels of					
metals	266.100(c)(1)(i)(C)	335.221(a)(1)	X		
compliance with					
266.100 sampling and					
analysis and record-					
keeping requirements	266.100(c)(1)(i)(D)	335.221(a)(1)	<u> </u>		
sample and analyze					
hazardous waste and					
other feedstocks as					
necessary using		WW. 004	V		
specified procedures	266.100(c)(1)(ii)	335.221(a)(1)	X		
maintain specified					
records at facility for		775 774	v		
at least three years	266.100(c)(1)(iii)	335.221(a)(1)	X		
criteria under which					
a hazardous waste is					
not processed solely		775 704			
for metal recovery	266.100(c)(2)	335.221(a)(1)	X		
total concentration of					
261, Appendix VIII					
organic compounds exceeds 500 ppm by					

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV-	MORE STRIN- GENT	BROAD- ER IN SCOPE
(COUTREMENT	CITATION	CITATION	ALENI	GENI	SCOPE
weight and are con-					
sidered burned for					
destruction	266.100(c)(2)(i)	335.221(a)(1)	X		
heating value of					
5,000 Btu/lb or more					
and considered	244 1007-17277	775 7747-3743	.,		
burned as fuel 266.111 direct transfer	266.100(c)(2)(ii)	335.221(a)(1)	Х		
operation standards					
apply only to					
facilities subject to					
266.102 or 266.103					
standards	266.100(d)	335.221(a)(1)	X		
266.112 residue					
management standards					
apply to any boiler or					
industrial furnace					
burning hazardous	2// 400/	775 804			
waste	266.100(e)	335.221(a)(1)	X		
MANAGEMENT PRIOR TO BURNING					
generators of hazar-				***	
dous waste that is					
ourned in a boiler or					
industrial furnace					
subject to Part 262	266.101(a)	335.222(a)	X		
transporters of hazar-					
dous waste that is					
ourned in a boiler or					
industrial furnace Subject to Part 263	266.101(b)	775 22276	U		
owner and operators	280.101(D)	335.222(b)	X		
of facilities that store					
nazardous waste					
ourned in a boiler or					
ndustrial furnace sub-					
ect to 264 and 265,					
Subparts A through L,					
ind 270, except as					
provided by					
66.101(c)(2); stan-					
lards applicable to					·
torage by burners and intermediary					
acilities	266.101(c)(1)	335.222(c)	V		
enerators of hazar-	200.701(2)(1)	333.222(0)	X		
ous waste who burn					
n-site in boilers or					
ndustrial furnaces					
xempt from					
egulation under					
66.108 small					
uantity burner					
rovisions are exempt					
rom regulation under					
64 and 265, ubparts A through L.					
upparts A through L, nd 270 with respect					
o storage of mixtures					
f hazardous waste					
wasta					

5			STATE ANALOG IS:			
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION		EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE	
and the primary fuel n tanks that feed nixture directly to xurner; hazardous uaste storage prior to	CITATION		ALLA	GEN!	550.	
ixing subject to 66.101(c)(1) egulation	266.101(c)(2)	335.222(c)	X			
ERMIT STANDARDS FOR BURNERS where and operators not operating under nterim status and not exempt under 266.108 small quantity burner exemption, are subject to 166.102, 270.22 and						
270.66 requirements	266.102(a)(1)	335.221(a)(2)	<u> </u>			
	266.102(a)(2)	335.221(a)(2)	X			
	266.102(a)(2)(i)	335.221(a)(2)	X			
	266.102(a)(2)(ii)	335.221(a)(2)	X			
	266.102(a)(2)(iii)	335.221(a)(2)	X			
	266.102(a)(2)(iv)	335.221(a)(2) & 335.223(a)(3	3) equ	ivalent		
	266.102(a)(2)(v)	*see below	X			
	266.102(a)(2)(vi)	**see below	X			
	266.102(a)(2)(vii)	335.221(a)(2)	χ			
pplicable 264	266.102(a)(2)(viii)	335.221(a)(2) & 335.223(a)(8	B) equ	ivalent		
provisions: malysis to quantify	266.102(a)(2)(ix)	335.221(a)(2)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		***************************************	
concentration of any 261, Appendix VIII constituent at levels detectable by specified analytical procedures;	*266.102(a)(2)(v)	335.221(a)(2) 335.223(a)(1) 335.223(a)(2) 335.223(a)(4) 335.223(a)(5)				
analytical procedures; identification; explanation of constituents excluded from analysis; analysis provides 270.22 and 270.66 information to prescribe permit conditions; analysis included in Part B	≮*266.102(a)(2)(vi)	335.221(a)(2) 335.223(a)(6) 335.223(a)(7)				
ermit application or n trial burn plan for nterim status facilities; wners/operators of nits not operating nder interim status						

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	F0.1311	MORE	BROAD -
EDERAL	RCRA -	STATE	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
REQUIREMENT	CITATION	CITATION	ALENI	OLM!	3COT L
include 270.22 or					
270.66(c) information					
in Part B application,			.,		
to extent possible	266.102(b)(1)	335.221(a)(3)	X		
sampling and analysis					
throughout normal					
operation to ensure					
permit-specified					
physical and chemical					
composition limits	044 400413403	335.221(a)(3)	X		
ere met	266.102(b)(2)	333.221(8/(3/			
compliance with					
266.104 through					
266.107 emissions	2// 402/->	335.221(a)(4)	X		
standards	266.102(c)	333.221\0/\47			
burn only hazardous					
wastes specified in					
permit under					
266.102(e) operating					
conditions; exception					
for approved trial					
burns under 270.66	266.102(d)(1)	335.221(a)(5)	X		
conditions	200.102(0/(1/				
new permit or permit modification necessary					
to burn hazardous					
waste not specified					
in permit; trial burn					
results or Part B					
alternative data form					
basis for new waste	garante.				
operating requirements	266.102(d)(2)	335.221(a)(5)	X		
266.103 interim status					
boilers and industrial					
furnaces permitted					
under 270.66(g)		_			
procedures	266.102(d)(3)	335.221(a)(5)	<u>X</u>		
permit for new boiler					
or industrial furnace					
must establish					
appropriate conditions					
for each applicable					
266.102 requirement					
in order to comply					
with specified		775 771/-1/51	X		
standards:	266.102(d)(4)	335.221(a)(5)			
for period beginning					
with initial introduction					
of hazardous waste					
and ending with					
initiation of trial burn;					
such period not to					
exceed 720 hours;					
operating requirements					
in compliance with					
266.104-266.107					
emissions standards;					
emissions standards; applicable provisions					
emissions standards;					

		STATE ANALOG IS:			
FEDERAL	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD ER IN SCOPE
REQUIREMENT	CITATION				
extension for up to 720 additional hours by Director based on good					
cause demonstration	266.102(d)(4)(i)	335.221(a)(5)	X		
during trial burn, operating requirements sufficient for 266.104- 266.107 emissions compliance and in accordance with approved trial burn		•			
plan	266.102(d)(4)(ii)	335.221(a)(5)	X		
immediately after trial burn, for minimum period needed to allow sample analysis, data computation, submission and review of trial burn results, and permit modification, operating requirements to ensure 266.104-266.107 emissions					
compliance	266.102(d)(4)(iii)	335.221(a)(5)	X		
for duration of permit, operating require- ments based on trial burn or 270.22 alternative data, sufficient to ensure					
266.104-266.107 emissions compliance	266.102(d)(4)(iv)	335.221(a)(5)	X		
operating require- ments specified in the permit apply at all times where hazardous waste					
is in unit	266.102(e)(1)	335.221(a)(6)	X		
operating conditions, either case-by-case for each hazardous waste to ensure compliance with 266.104(a) DRE performance standard or special operating requirements provided by 266.104(a)(4) DRE trial burn waiver; when no waiver, each set of operating requirements will specify composition of hazardous waste to which they apply; permit-specified operating limits for each hazardous waste					

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	MORE B		
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
include:	266.102(e)(2)(i)	335.221(a)(6)	Х		
feed rate of					
hazardous waste and					
other fuels as		775 224 244	.,		
per 266.102(e)(6)	266.102(e)(2)(i)(A)	335.221(a)(6)	X		
minimum and					
maximum device					
production rate					
when producing normal product as					
per 266.102(e)(6)	266.102(e)(2)(i)(B)	335.221(a)(6)	X		
appropriate controls					
of hazardous waste					
firing system	266.102(e)(2)(i)(C)	335.221(a)(6)	X		
allowable variation in					
boiler and industrial					
furnace system design					
or operating					
procedures	266.102(e)(2)(i)(D)	335.221(a)(6)	X		
minimum combustion					
gas temperature					
measured at a					
location indicative of					
combustion chamber					
temperature as per	244 102/22/22/22/52	335.221(a)(6)	Х		
266.102(e)(6) appropriate indicator	266.102(e)(2)(i)(E)	333.221(8)(0)			
of combustion gas					
velocity as per					
266.102(e)(6), unless					
270.66 documentation	266.102(e)(2)(i)(F)	335.221(a)(6)	X		
other operating					
requirements to					
ensure 266.104(a)					
DRE compliance	266.102(e)(2)(i)(G)	335.221(a)(6)	X		
permit must					
incorporate carbon					
monoxide (CO) limit					
and, as appropriate,					
hydrocarbon (HC) limit					
as per 266.104(b)-(f);					
permit limits	244 102/01/21/65	335.221(a)(6)	X		
specified: when complying with	266.102(e)(2)(ii)	333.661(8)(0)			
266.104(b)(1) CO					
standard, permit limit					
is 100 ppmv	266.102(e)(2)(ii)(A)	335.221(a)(b)	X		
when complying with					
266.104(c) alternative					
CO standard, permit					
limit based on trial					
burn, established as					
specified average, and					
permit limit for HC					
is 20 ppmv, except as		,			
266.104(f) provides	266.102(e)(2)(ii)(B)	335.221(a)(b)	X		
when complying with					
266.104(f) alternative					
HC limit, permit limit					
for HC and CO is					

			STATE ANALOG IS:		
FF0F041	FEDERAL	ANALOGOUS	MORE BR		
FEDERAL	RCRA CITATION	STATE	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
REQUIREMENT	CITATION	CHATION	ALLAI	GERT	SCUPE
baseline level when		•			
hazardous waste is					
not burned	266.102(e)(2)(ii)(C)	335.221(a)(6)	X		
no hazardous waste					
as feed during start-up					
and shut-down, unless					
device is operating					
within permit					
conditions; exception	266.102(e)(2)(iii)	335,221(a)(6)	X		
except as provided					
in 266.102(e)(3)(ii)					
and (iii), operating					
requirements the					
permit will specify to					
ensure 266.105 partic-					
ulate standard compliance:	244 102/21/21/21	775 774/-1/41	X		
compliance: total ash feed rate	266.102(e)(3)(i)	335.221(a)(6)	X		
from hazardous waste.					
other fuels, and					
industrial furnace					
feedstocks, as per					
266.102(e)(6)	266.102(e)(3)(i)(A)	335.221(a)(6)	X		
maximum device	200.102(e)(5)(1)(A)	333.22.1(2)(0)			
production rate when					
producing normal					
product as per					
266.102(e)(6)	266.102(e)(3)(i)(B)	335.221(a)(6)	X		
operation and main-					
tenance controls for	, and the second				
hazardous waste firing					
system and air pollu-					
tion control system	266.102(e)(3)(i)(C)	335.221(a)(6)	X		
allowable variation in					
system design					
including air					
pollution control					
system or operating					
procedures	266.102(e)(3)(i)(D)	335.221(a)(6)	X		
other operating					
requirements to ensure					
266.111(b) particulate standard compliance	266 102/01/21/31/51	775 221/21/41	X		
no permit conditions to	266.102(e)(3)(i)(E)	335.221(a)(6)			
ensure particulate					
standard compliance					
for 266.105(b) exempt					
facilities	266.102(e)(3)(ii)	335.221(a)(6)	X		
for cement kilns and		555.521(6)(6)			
light-weight aggregate					
cilns, permit conditions					
shall not limit ash					
content of hazardous					
waste or other feed					
materials	266.102(e)(3)(iii)	335.221(a)(6)	X		
operating requirements					
the permit will specify					
to conform with					
266.106(b) or (e)					
ier 1 or adjusted					

			STATE	ANALOG IS:	
	FEDERAL	ANALOGOUS		MORE	BROAD-
EDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
EQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
		×			
ier I metals feed rate screening limits:	266.102(e)(4)(i)	335.221(a)(6)	Х		
otal feed rate of each					
etal in hazardous					
aste, other fuels, and					
ndustrial furnace					
eedstocks as per			.,		
266.102(e)(6)	266.102(e)(4)(i)(A)	335.221(a)(6)	X		
otal feed rate of					
nazardous waste as	2// 402/->//>//>//	335.221(a)(6)	X		
per 266.102(e)(6)	266.102(e)(4)(i)(B)	333.221(8)(0)			
sampling and metals	266.102(e)(4)(i)(C)	335.221(a)(6)	X		
enalysis program speciating requirements	200.102(e)(4)(1)(c)	333.22.327.32			
the permit will specify					
to conform with					
266.106(c) Tier II					
netals emission rate					
screening limits and					
266.106(d) Tier III					
metals controls:	266.102(e)(4)(ii)	335.221(a)(6)	X		
maximum emission					
rate for each metal					
pased on average					
rate during	m// 400/ 14/1/** 141	775 221/01/41	X		
trial burn	266.102(e)(4)(ii)(A)	335.221(a)(6)			
feed rate of total and					
pumpable hazardous					
waste as per	266.102(e)(4)(ii)(B)	335.221(a)(6)	X		
266.102(e)(6)(i)	208.102(8)(4)(11)(6)	333.001,07,07			
	266.102(e)(4)(ii)(C)	335.221(a)(6)	X	3fee	d rate of eac
metal in specified	266.102(e)(4)(ii)(C)(1)	335.221(a)(6)	X		_ feedstreams
measured and	266.102(e)(4)(ii)(C)(2)	335.221(a)(6)	Χ		
specified as per					
266.102(e)(6)	266.102(e)(4)(ii)(C)(3)	335.221(a)(6)	X		
total feed rate of					
chlorine and chloride					
in total feedstreams	0// 400/ 1//1//11/01	335.221(a)(6)	Х		
as per 266.102(e)(6)	266.102(e)(4)(ii)(D)	333.221(8)(6)			
maximum combustion					
gas temperature measured at location					
indicative of combus-					
tion chamber tempera-					
ture as per					
266.102(e)(6)	266.102(e)(4)(ii)(E)	335.221(a)(6)	X		
maximum flue gas					
temperature at inlet					
to particulate matter					
air pollution control					
system as per		****	.,		
266.102(e)(6)	266.102(e)(4)(ii)(F)	335.221(a)(6)	X		
maximum device					
production rate when					
'					
product as per	244 1027-27727::2762	775 221/51/41	Y		
producing normal product as per 266.102(e)(6) operation and main-	266.102(e)(4)(ii)(G)	335.221(a)(6)	X		

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE
REGOTALITEM					
hazardous waste firing		*			
system and any air					
pollution control system	266.102(e)(4)(ii)(H)	335.221(a)(6)	X		
allowable variation in					
system design					
including air pollution					
control system or		775 224 24/2	.,		
operating procedures	266.102(e)(4)(ii)(1)	335.221(a)(6)	Χ		
other operating					
requirements					
to ensure					
266.106(c) or (d)					
metals standards	266.102(e)(4)(ii)(J)	335.221(a)(6)	X		
compliance operating require-	266.102(e)(4)(11)(3)	337.221(8)(0)			
ments the permit will					
specify to conform					
with 266.106(f) alter-					
native implementation					
approach:	266.102(e)(4)(iii)	335.221(a)(6)	X		
maximum emission					
rate for each metal					
based on					
average rate	266.102(e)(4)(iii)(A)	335.221(a)(6)	X		
feed rate of total and					
pumpable hazardous					
waste as per					
266.102(e)(6)(i)	266.102(e)(4)(iii)(B)	335.221(a)(6)	X		
feed rate of each					
metal in specified	266.102(e)(4)(iii)(C)	335.221(a)(6)	X		feedstream
measures and	266.102(e)(4)(iii)(C)(1)	335.221(a)(6)	X		
specified					f
as per 266.102(e)(6)	266.102(e)(4)(iii)(C)(2)	335.221(a)(6)	X	totat	feed rate
chlorine and chloride					
in total feedstreams		775 2244 244	X		
as per 266.102(e)(6)	266.102(e)(4)(iii)(D)	335.221(a)(6)	X		
maximum combustion					
gas temperature					
measured at location					
indicative of combus- tion chamber					
temperature as per 266.102(e)(6)	266.102(e)(4)(iii)(E)	335.221(a)(6)	×		
maximum flue gas	200.102(0)(4)(111)(2)	222:22:10/10/			······
temperature at inlet					
to particulate matter					
air pollution control					
system as per					
266.102(e)(6)	266.102(e)(4)(iii)(F)	335.221(a)(6)	Χ		
maximum device					
production rate when					
producing normal					
product as per					
266.102(e)(6)	266.102(e)(4)(iii)(G)	335.221(a)(6)	XX		
operation and main-					
tenance controls of					
hazardous waste firing					
system and any					
air pollution					
control system	266.102(e)(4)(iii)(H)	335.221(a)(6)	X		

			STATE ANALOG IS:		
EDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN- GENT	BROAD- ER IN SCOPE
EQUIREMENT	CITATION	CITATION	ALENT	GENT	SLOPE
llowable variation in					
system design					
including air pollution					
control system or		775 2244.3443	X		
perating procedures	266.102(e)(4)(iii)(I)	335.221(a)(6)	λ		
other operating					
requirements to en-					
sure 266.106(c) or (d)					
netals standards compliance	266.102(e)(4)(iii)(J)	335.221(a)(6)	X		
pperating requirements	200.102(0)(4)(11)				
the permit will specify					
to ensure					
266.107(b)(1) Tier I					
total chloride and					
chlorine feed rate					
screening limits					
conformance:	266.102(e)(5)(i)	335.221(a)(6)	X		
eed rate of total					
chloride and chlorine					
in hazardous waste,					
other fuels, and					
industrial furnace					
feedstocks as per		775 8344 444	.,		
266.102(e)(6)	266.102(e)(5)(i)(A)	335.221(a)(6)	X		
feed rate of total					
nazardous waste as	0// 400	775 774/-5//5	X		
per 266.102(e)(6)	266.102(e)(5)(i)(B)	335.221(a)(6)	λ		
sampling and analysis					
program for total chloride and chlorine	266.102(e)(5)(i)(C)	335.221(a)(6)	X		
operating requirements	200.102(8)(3)(1)(6)	555.521(8)(6)	^		
pperating requirements the permit will specify					
for 266.107(b)(2)					
Tier II and 266.107(c)					
Tier III HCL and Clo					
emission rate					
screening limits					
conformance:	266.102(e)(5)(ii)	335.221(a)(6)	X		
maximum emission					
rate for HCl and Cl2					
pased on average rate	266.102(e)(5)(ii)(A)	335.221(a)(6)	X		
feed rate of total					
nazardous waste as					
per 266.102(e)(6)	266.102(e)(5)(ii)(B)	335.221(a)(6)	X		
total feed rate of					
chlorine and chloride					
in total feedstreams	2// 402/ >-7:	775 5541-41/4	v		
as per 266.102(e)(6)	266.102(e)(5)(ii)(C)	335.221(a)(6)	X		
maximum device					
production rate when					
producing normal					
product as per	2// 402/ \(\frac{1}{2}\)	775 774/-1//1	V		
266.102(e)(6)	266.102(e)(5)(ii)(D)	335.221(a)(6)	X		
operation and main-					
tenance controls of					
nazardous waste firing					
system and any					
air pollution control system	266.102(e)(5)(ii)(E)	335.221(a)(6)	Х		
OHET OF SYSTEM	200.102(2)(3)(11)(2)	333.221(8)(0)	^		

			STATE	ANALOG IS:	
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD ER IN SCOPE
REGUIREMENT	CITATION		7,2211.	GE.	00011
allowable variation in system design including air pollution control system or		e Table 1			
operating procedures	266.102(e)(5)(ii)(F)	335.221(a)(6)	X		
other operating requirements to ensure 266.107(b)(2) or (c) HCl or Cl2 standards compliance	266.102(e)(5)(ii)(G)	335.221(a)(6)	X		
as specified in 266.102(e)(2)-(5), each operating parameter shall be measured and permit limits on the parameter established according to following					
procedures:	266.102(e)(6)(i)	335.221(a)(6)	X		
measured and re- corded on instan- taneous basis and permit limit based on time-weighted		775 2217-3773	V		
average	266.102(e)(6)(i)(A)	335.221(a)(6)	X		
	266.102(e)(6)(i)(B)(1)	335.221(a)(6)	X		
	266.102(e)(6)(i)(B)(1)(i)	335.221(a)(6)	X		
hourly rolling average		777 554 4 4 4 4			
basis as defined permit limit based on	266.102(e)(6)(i)(B)(1)(ii)	335.221(a)(6)	X		
average overall valid test runs of highest hourly rolling average value per run	266.102(e)(6)(i)(B)(2)	335.221(a)(6)	×		
feed rate limits for carcinogenic metals and lead established on either an hourly rolling average basis or on (up to) to 24-hour rolling average basis; requirements for 2 to 24 hour average period:	266.102(e)(6)(ii)	335.221(a)(6)	Х		
period: feed rate of each metal limited to ten times the allowable hourly rolling average	200.102(8)(0)(11)	333.221(8)(0)			
basis feed rate	266.102(e)(6)(ii)(A)	335.221(a)(6)	X	***************************************	
	266.102(e)(6)(ii)(B)	335.221(a)(6)	X		
specifications the	266.102(e)(6)(ii)(B)(1)	335.221(a)(6)	X		
continuous monitor					
shall meet feed rate permit limit	266.102(e)(6)(ii)(B)(2)	335.221(a)(6)	X		
based on specified					

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	F0/111/	MORE	BROAD-
EDERAL	RCRA	STATE	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
EQUIREMENT	CITATION	CITATION	ALENI	UL N I	3cor E
eed rate limits for		*			
metals, total chloride					
and chlorine, and ash					
established and					
monitored based on					
feedstream concen-					
tration and flow rate;	'				
flow rate continuously					
monitored as per					
266.102(e)(6)(i)					
and (ii)	266.102(e)(6)(iii)	335.221(a)(6)	X		
if no simultaneous					
demonstration of					
266.104-266.107					
compliance during a					
set of test runs,					
operating conditions					
of additional test runs					
as close as possible					
to original operating					
conditions	266.102(e)(6)(iv)(A)	335.221(a)(6)	X		
facility to operate	20002(0/\0/\/\/				
under trial burn condi-					
tions and reach					
steady-state					
operations before					
obtaining test data to					
demonstrate 266.104-					
266.107 emissions					
standards compliance	_				
or establishing					
operating parameter					
limits; specific					
industrial furnaces					
need not reach					
steady-state conditions					
for flow of metals					
prior to beginning					
metals emissions					
compliance testing	266.102(e)(6)(iv)(B)	335,221(a)(6)	X		
trial burn data					
obtained during					
emissions sampling					
are used to establish					
operating parameter					
limits in the permit					
when parameter must					
be established					
as per 266.102(e)	266.102(e)(6)(iv)(C)	335.221(a)(6)	X		
P-:					
	266.102(e)(7)(i)	335.221(a)(6)	X		
	200.102(6)(1)(1)	2221221,327,327			
	266 102/03/73/63/83	335.221(a)(6)	Y		
	266.102(e)(7)(i)(A)	337.661(0)(0)			
requirements for con-	266.102(e)(7)(i)(B)	335.221(a)(6)	X		
trolling fugitive			***************************************		
emissions	266.102(e)(7)(i)(C)	335.221(a)(6)	X		
emissions automatic waste feed	200.102(6)(/)(/)(0)	333.22,(37,37			
automatic waste feed cutoff required;					

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS		MORE	BROAD-
EDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN SCOPE
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SLUPE
number of cutoffs per		,			
operating period;					
additional require-					
ments include:	266.102(e)(7)(ii)	335.221(a)(6)	X		
maintenance of permit					
limit for minimum					
combustion chamber					
temperature while					
nazardous waste or					
residues remain in					
chamber	266.102(e)(7)(ii)(A)	335.221(a)(6)	X		
exhaust gases ducted					
to air pollution control					
system while					
hazardous waste					
or residues					
remain in chamber	266.102(e)(7)(ii)(B)	335.221(a)(6)	X		
continued monitoring					
of parameters with					
limits during cutoff					
and hazardous waste					
feed not restarted					
until parameters					
comply with limits;					
for parameters					
monitored on					
instantaneous basis,					
conditions for					
restarting					
hazardous waste feed	266.102(e)(7)(ii)(C)	335.221(a)(6)	X		
cease burning hazar-					
dous waste when					
changes in					
combustion properties,					
feed rates, or design					
or operating conditions					
deviate from			.,		
permit limits	266.102(e)(7)(iii)	335.221(a)(6)	X		
operator or operator,					
while burning hazar-					
dous waste, must		775 0044 1441	v		
monitor and record:	266.102(e)(8)(i)	335.221(a)(6)	X		
specified feed rates					
and composition of	2// 402/-5/25//55/45	335 221/a1/A1	X		
specified materials	266.102(e)(8)(i)(A)	335.221(a)(6)			
CO, HC, and oxygen					
on a continuous basis					
as specified; monitors					
installed, operated					
and maintained as per					
266, Appendix IX	2// 402/-5/05/55/05	775 771/51/61	X		
methods	266.102(e)(8)(i)(B)	335.221(a)(6)			
sampling and analysis					
as requested to verify					
that requirements					
established in permit					
achieve					
266.104-266.107	244 102(0)(8)(6)(0)	335.221(a)(6)	X		
standards	266.102(e)(8)(i)(C)	333.551,07,07			

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS		MORE	BROAD-
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
		*			
in permit limit units, unless permit allows					
untess permit attows otherwise	266.102(e)(8)(ii)	335.221(a)(6)	X		
daily visual inspection	200.102(3)				
of boiler or industrial					
furnace and					
associated equipment					
when they contain					
hazardous waste	266.102(e)(8)(iii)	335.221(a)(6)	X		***************************************
test automatic feed					
cutoff system and					
associated alarms at					
least once every 7					
days when hazardous					
waste is burned		4			
unless specified					
conditions are					
demonstrated; opera-					
tional testing at least		775 754 177	v		
once every 30 days	266.102(e)(8)(iv)	335.221(a)(6)	Х		
monitoring and inspec-					
tion data recorded					
and placed in 264.73	D. (400 : 140 1)	775 771/01/61	X		
operating record	266.102(e)(8)(v)	335.221(a)(6)	^		
compliance with					
266.111 if direct					
transfer of hazardous					
waste to boiler or					
industrial furnace					
without use of	266.102(e)(9)	335.221(a)(6)	X		
storage unit all 266.102-required	280.102(e)(7)	333.22.367.67		***************************************	
information and data					
in facility operating					
record for not less					
than three years	266.102(e)(10)	335.221(a)(6)	X		
remove all hazardous					
waste and hazardous					
waste residues at					
closure	266.102(e)(11)	335.221(a)(6)	X		
INTERIM STATUS STANDARDS FO	NK RNKNFK2				······
national standards for	f				
owners and operators					
of existing boilers and					
industrial furnaces					
until permitted under					
266.102(d) or closed	266.103(a)(1)(i)	335.221(a)(7)	X		
definition of "existing					
or in existence";					
facility has com-					
menced construction					
if all permits					
necessary to begin					
physical construction					
		mm= mm			
are obtained and either:	266.103(a)(1)(ii)	335.221(a)(7)	X		
	266.103(a)(1)(ii)	335.221(a)(7)	X		

			STATE ANALOG IS:			
	FEDERAL	ANALOGOUS	FOULTY.	MORE	BROAD -	
EDERAL	RCRA	STATE	EQUIV-	STRIN- GENT	ER IN SCOPE	
EQUIREMENT	CITATION	CITATION	ALLRI	ULN!	00012	
has begun	266.103(a)(1)(ii)(A)	335.221(a)(7)	X			
program has begun contractual obligations	200.103(27)					
annot be cancelled						
or modified without						
substantial loss and physical construction						
s to be completed						
within reasonable time	266.103(a)(1)(ii)(B)	335.221(a)(7)	X			
f boiler or industrial furnace at facility with						
permit or interim						
status, then						
compliance with						
270.42 permit						
nodification or 270.72 interim status changes	266.103(a)(1)(iii)	335.224(1)	X			
266.103 requirements	2002					
not applicable to						
nazardous waste and						
facilities exempt under	266.103(a)(2)	335.224(2)	χ			
266.100(b) or 266.108 nazardous waste	200.105(0/(2/					
listed for dioxin or						
derived from						
F020-F023, F026						
or FO27 may not be burned in interim						
status boiler or			.,			
industrial furnace	266.103(a)(3)	335.221(a)(7)	X			
	266.103(a)(4)	335.221(a)(8)	Χ			
		775 0047 1781	x			
	266.103(a)(4)(i)	335.221(a)(8)	^_			
	266.103(a)(4)(ii)	335.221(a)(8)	X			
		775 7744 3483	χ			
	266.103(a)(4)(iii)	335.221(a)(8)	^			
	266.103(a)(4)(iv)	335.221(a)(8) & 335.224(3)(C	<u>) e</u>	quivalent		
		*see below	Х			
	266.103(a)(4)(v)					
	266.103(a)(4)(vi)	335.221(a)(8)	X			
interim status owners and operators subject	266.103(a)(4)(vii)	335.221(a)(8) & 335.224(3)(F) X			
to specified 265						
provisions:	266.103(a)(4)(viii)	335.221(a)(8) 335.221(a)(8)	X			
controls that apply to	*266.103(a)(4)(iv)	335.221(a)(a)				
interim status industrial furnaces	200.105(0)(4)(17)	335.224(3)(B)				
that feed hazardous		335.224(3)(D)				
waste for a purpose		335.224(3)(E)				
other than solely as						
an ingredient at any						
location other than the hot end and						
where fuels are						
	266.103(a)(5)					
normally fired: fed at location where		335.221(a)(9)	X			

	No. of the control of		STATE	ANALOG IS:	
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN-	BROAD- ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
least 1800° F	266.103(a)(5)(i)(A)	335.221(a)(9)	X		
determination and	200.105(0)(3)(1)(1)				
documentation in					
facility record of	D// 407/ \45\/`\4D\	775 771/51/01	χ		
adequate oxygen	266.103(a)(5)(i)(B)	335.221(a)(9)			
for cement kiln systems, hazardous					
waste fed into kiln	266.103(a)(5)(i)(C)	335.221(a)(9)	X		
applicability of					
266.104(c) or					
266.104(c)(5)	266.103(a)(5)(i)(D)	335.221(a)(9)	X		
hydrocarbon controls criteria for burning	200.103(4)(3)(1)(0)	333,221,07,77			
hazardous waste for					
a purpose other than					
solely as an		775 224 - 1401	v		
ingredient:	266.103(a)(5)(ii)	335.221(a)(9)	X		
total concentration of 261, Appendix VIII					
nonmetal compounds					
exceed 500 ppm by					
weight as generated					
and considered					
burned for	266.103(a)(5)(ii)(A)	335.221(a)(9)	X		
destruction heating value of	200.103(8)(3)(11)(A)	333.221(0)(7)			
5.000 Btu/lb or more,					
as generated or as					
fired, and considered		775 2244	V		
burned as fuel	266.103(a)(5)(ii)(B)	335.221(a)(9)	X		
burning hazardous waste with heating					
value less than 5,000					
Btu/lb prohibited					
except for purposes of					
compliance testing for					
no more than	2// 107/->//>	335.221(a)(9)	X		
720 hours 266.111 compliance if	266.103(a)(6)	JJJ. CC 1 (0) (7)			
hazardous Waste					
directly transferred					
from transport vehicle					
to boiler or industrial					
furnace without storage unit use	266.103(a)(7)	335.225(a)	X		
August 21, 1991 sub-	200.103(0/(1/	222.222			
mittal date for					
266.103(b)(2) informa-					
tion; establish limits					
for 266.103(b)(3) parameters; certificate					
of precompliance;					
burning limited to					
266.103(b)(3) condi-					
tions until					
266.103(b)(8) revised					
certification of pre-					
compliance, or 266.103(c) certifi-					

			STATE ANALOG IS:		
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN- GENT	BROAD - ER IN SCOPE
REQUIREMENT	CITATION	CITATION	ALENI	GENI	JUUFE
or permit is issued	266.103(b)(1)	335.224(4)	X		
information to be sub- mitted with certification of precompliance to support determination and compliance with operating parameter	2// 107/b)/2)	335.221(a)(10)	¥		
limits	266.103(b)(2)		X		
	266.103(b)(2)(i)	335.221(a)(10)			
	266.103(b)(2)(i)(A)	335.221(a)(10)	X	<u></u>	
	266.103(b)(2)(i)(B)	335.221(a)(10)	X		
	266.103(b)(2)(i)(C)	335.221(a)(10)	X		
	266.103(b)(2)(i)(D)	335.221(a)(10)	X		
general facility information	266.103(b)(2)(i)(E)	335.221(a)(10)	X		
limits provided by 266.106(b) or (e) and 266.107(b)(1) or (e), estimated uncontrolled emissions of particulate matter, each 266.106 metal, hydrogen chloride and chlorine, and following information to support determinations:	- 266.103(b)(2)(ii)	335.221(a)(10)	X		
feed rate of specified materials in each					
feedstream estimated partitioning factor to combustion gas for 266.103(b)(2)(ii)(A) materials, basis for estimate, and estimate of partitioning to HCl and Cl2 of total	266.103(b)(2)(ii)(A)	335.221(a)(10)	X		
chloride and chlorine in feed materials; use best engineering judgment or 266, Appendix IX procedures	266.103(b)(2)(ii)(B)	335.221(a)(10)	Χ		
for industrial furnaces that recycle collected particulate matter and certify compliance with 266.103(c)(ii)(A) metals emissions standards, estimated enrichment					

			STATE ANALOG IS:			
EDERAL	FEDERAL RCRA	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE	
EQUIREMENT	CITATION	CITATION	ALENI	GENT	SCOPE	
actor for each metal,						
using best engineering						
udgment or specified						
appendix IX						
procedures	266.103(b)(2)(ii)(C)	335.221(a)(10)	X			
pasis for best						
engineering judgment;						
70.11(d) certifice-						
ion of determinations						
ncluded in certifica-	2// 407/51/21/51/01	775 221/01/101	X			
ion of precompliance	266.103(b)(2)(ii)(D)	335.221(a)(10)				
for facilities complying with Tier I feed rate						
creening limits, the						
eed rate of specified						
naterials in each						
eedstream	266.103(b)(2)(iii)	335.221(a)(10)	X			
for facilities complying						
with Tier II or III						
emission limits for						
netals or HCl or Cl2,						
estimated controlled						
emissions rates of						
particulate matter,						
each 266.106 metal,						
ICl and Cl2, and						
following information						
to support deter-	0.4.4074.34034.3	775 221/-1/101	X			
minations:	266.103(b)(2)(iv)	335.221(a)(10)				
estimated air pollution	and the same of th					
control system (APCS) removal efficiency for						
specified materials	266.103(b)(2)(iv)(A)	335.221(a)(10)	X			
use best engineering	200:103(2)(2)(1)		· · · · · · · · · · · · · · · · · · ·			
judgment or 266,						
Appendix IX						
procedures	266.103(b)(2)(iv)(B)	335.221(a)(10)	X			
pasis for best						
engineering judgment						
n conformance with						
66.103(b)(2)(ii)(D)	266.103(b)(2)(iv)(C)	335.221(a)(10)	X			
determination of						
illowable emissions						
ates for specified						
aterials and infor-						
mation to support						
uch determinations	244 407/63/23/23	335.221(a)(10)	X			
a include:	266.103(b)(2)(v)	333.661(8)(10)	^			
	266.103(b)(2)(v)(A)	335.221(a)(10)	X			
	266.103(b)(2)(v)(A)(1)	335.221(a)(10)	X			
	266.103(b)(2)(v)(A)(2)	335.221(a)(10)	X			
	265.103(b)(2)(v)(A)(3)	335.221(a)(10)	χ			
	266.103(b)(2)(v)(A)(4)	335.221(a)(10)	Х			
	0// 407/1 1/2011 1/11/17	775 704	.,			
	266.103(b)(2)(v)(A)(5)	335.221(a)(10)	X			

			STATE ANALOG IS:		
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE CITATION	EQUIV-	MORE STRIN- GENT	BROAD- ER IN SCOPE
EQUIREMENT	CITATION	CITATION			
	266.103(b)(2)(v)(A)(6)	335.221(a)(10)	Х		***************************************
or all facilities:	266.103(b)(2)(v)(A)(7)	335.221(a)(10)	X		
or owners or					
perators using Tier					
II site specific ispersion modeling	266.103(b)(2)(v)(B)	335.221(a)(10)	X		
o determine	200.103(3)(2)(1)(0)				
66.106(d) or	266.103(b)(2)(v)(B)(1)	335.221(a)(10)	X		
66.107(c) allowable	266.103(b)(2)(v)(B)(2)	335.221(a)(10)	X		
evels, or adjusted ier I feed rate	266.103(B)(2)(Y)(B)(2)	333.221(4)(10)			
creening limits under	266.103(b)(2)(v)(B)(3)	335.221(a)(10)	X		
66.106(e) or		775 7747-1/101	v		
66.107(e):	266.103(b)(2)(v)(B)(4)	335.221(a)(10)	Х		
or facilities complying ith Tier II or III					
missions rate					
ontrols for metals or					
Cl and Cl2,					
omparison of					
66.103(b)(2)(iv)					
stimated rates with					
66.103(b)(2)(v)	266.103(b)(2)(vi)	335.221(a)(10)	x		
llowable rates or facilities complying	200.103(0)(2)(*1)				
ith Tier I or adjusted					
ier II feed rate					
creening limits for					
etals or total					
hloride and chlorine,					
omparison of actual					
eed rates determined					
under 266.103(b)(2)(iii)					
o Tier I allowable	266.103(b)(2)(vii)	335.221(a)(10)	X		
eed rates or industrial furnaces	200.103(3)(2)(411)	222.221,327,137			
hat feed hazardous					
waste for any purpose					
other than solely as					
n ingredient at any					
ocation other than					
product discharge end					
of device,					
documentation of 166.103(a)(5)(i)(A)-(C)					
compliance	266.103(b)(2)(viii)	335.221(a)(10)	Χ		
or industrial furnaces					
hat recycle collected					
particulate matter back					
nto the furnace and					
hat will certify					
266.103(c)(3)(ii)(A)					
netals emissions stan-	266.103(b)(2)(ix)	335.221(a)(10)	X		
dards compliance, applicable particulate	200.103(8)(2)(18)	333.22.(0)(10)			
atter standard and	266.103(b)(2)(ix)(A)	335.221(a)(10)	X		
precompliance limit					
on metal concentration	266.103(b)(2)(ix)(B)	335.221(a)(10)	X		
establish limits on					

8

5

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
LWOTNERI	0.1111.011				
266.103(b)(3)(i)-(v) corameters consistent with 266.103(b)(2) determinations and certify the facility will operate within the imits during interim ctatus when there is capardous waste in					
he unit until certain onditions are met	266.103(b)(3)	335.221(a)(10)	X		
eed rate of total azardous waste and umpable hazardous					
aste	266.103(b)(3)(i)	335.221(a)(10)	Х		
	266.103(b)(3)(ii)	335.221(a)(10)	X		
	266.103(b)(3)(ii)(A)	335.221(a)(10)	Х		11. TW10.
feed rate of each	266.103(b)(3)(ii)(B)	335.221(a)(10)	X		
metal in specified feedstreams	266.103(b)(3)(ii)(C)	335.221(a)(10)	Х		
otal feed rate of chlorine and chloride n total feedstreams cotal feed rate of ash	266.103(b)(3)(iii)	335.221(a)(10)	Х		
in total feedstreams, except ash feed rate for cement kilns and light-weight aggregate kilns is not limited		335.221(a)(10)	Х		
maximum production rate when producing mormal product	266.103(b)(3)(v)	335.221(a)(10)	X		
special operating requirements under 266, Appendix IX for furnaces that recycle collected particulate natter back into furnace and that sertify compliance with metals emissions controls under 266, 103(6)/3/(ii)/(ii)	244 107 (5) (1)	775 7244-14401	V		
266.103(c)(3)(ii)(A) imits on 266.103(b)(3) parameters established and	266.103(b)(4)	335.221(a)(10)	X		
ontinuously onitoring under:	266.103(b)(5)(i)	335.221(a)(10)	Х		
nstantaneous limits	266.103(b)(5)(i)(A)	335.221(a)(10)	X		
	266.103(b)(5)(i)(B)	335.221(a)(10)	X		
	266.103(b)(5)(i)(B)(1)	335.221(a)(10)	X		
ourly rolling average					

			STATE	ANALOG IS:	
	FEDERAL	ANALOGOUS	EQUIV-	MORE STRIN-	BROAD- ER IN
FEDERAL	RCRA CITATION	STATE CITATION	ALENT	GENT	SCOPE
REQUIREMENT	CITATION				
carcinogenic metals and lead established on either an hourly rolling average basis or on (up to) 24 hour		*			
rolling average basis; requirements for 2 to 24 hour average		775 221/-1/101	X		
period: feed rate of each	266.103(b)(5)(ii)	335.221(a)(10)			······································
metal limited to ten times the allowable hourly rolling average basis					
feed rate	266.103(b)(5)(ii)(A)	335.221(a)(10)	<u> </u>		
	266.103(b)(5)(ii)(B)	335.221(a)(10)	X		***************************************
specifications the	266.103(b)(5)(ii)(B)(1)	335.221(a)(10)	X		
continuous monitor shall meet:	266.103(b)(5)(ii)(B)(2)	335.221(a)(10)	X		
metals, total chloride and chlorine, and ash established and monitored based on feedstream concen- tration and flow rate; flow rate continuously monitored as per 266.103(b)(5)(i) and (ii) owner or operator submits notice to major local newspaper and sends copy of notice to State and local government units; provide evidence of notice submittal for publication with certification of pre-compliance to Director; notice must bear specified title	266.103(b)(5)(iii)	335.221(a)(10) 335.224(5)	X		
and include:	266.103(b)(6)		x		
	266.103(b)(6)(i)	335.224(5)(A)			
	266.103(b)(6)(ii)	335.224(5)(B)	X		
	266.103(b)(6)(iii)	335.224(5)(C)	X		
	266.103(b)(6)(iv)	335.224(5)(D)	Х		
	266.103(b)(6)(v)	335.224(5)(E)	Х		
	266.103(b)(6)(vi)	335.224(5)(F)	X		

FEDERAL			STATE ANALOG IS:		
	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV-	MORE STRIN- GENT	BROAD- ER IN SCOPE
EQUIREMENT	CITATION				
	266.103(b)(6)(vii)	335.224(5)(G)	X		
	266.103(b)(6)(viii)	335.224(5)(H)	X		
	266.103(b)(6)(viii)(A)	335.224(5)(H)(i)	X		
	266.103(b)(6)(viii)(B)	335.224(5)(H)(ii)	X		
information to	266.103(b)(6)(ix)	335.224(5)(1)	X		
include in public	266.103(b)(6)(x)	335.224(5)(J)	X		
when monitoring systems for 266.103(c)(1)(v)-(xiii) operating parameters are installed and operating in con- formance with vendor or 266, Appendix IX specifications, con- tinuous monitoring required and records					
maintained in operating record	266.103(b)(7)	335.221(a)(10)	X		
submittal of revised certification of pre-compliance under 266.103(b)(2)&(3) procedures 266.103(b)(6) public notice requirements	266.103(b)(8) —	335.221(a)(10)	X		
not applicable to recertifications	266.103(b)(8)(i)	335.221(a)(10)	Х		
operation of facility within limits established for 266.103(b)(3) parameters until 266.103(b) revised certification or 266.103(c) certification of compliance is submitted	266.103(b)(8)(ii)	335.221(a)(10)	×		
language of signed statement that must be included with the	200				
certification of precompliance	266.103(b)(9)	335.221(a)(10)	Χ		
on or before August 21, 1992, conduct emissions testing to document compliance with 266.104(b)-(e), 266.105-266.107 and 266.103(a)(5)(i)(D) emissions standards; submittal of certifi-		335.221(a)(11)	V		
cation of compliance	266.103(c)	& 335.224(6)	X		
establish limits on 266.103(c)(1)(i)-(xiii)					

FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE
REQUIREMENT	CITATION	CITATION	r 45 5 15 1		
parameters based on operations during compliance test and include with certification of compliance; device will be operated within these limits when hazardous waste is in the unit					
until permit is issued	266.103(c)(1)	335.221(a)(11)	X		
feed rate of total hazardous waste and pumpable hazardous waste	266.103(c)(1)(i)	335.221(a)(11)	X		
#B31C		335.221(a)(11)	X		
	266.103(c)(1)(ii)				
	266.103(c)(1)(ii)(A)	335.221(a)(11)	<u> </u>		
feed rate of each	266.103(c)(1)(ii)(B)	335.221(a)(11)	X		
metal in specified feedstreams	266.103(c)(1)(ii)(C)	335.221(a)(11)	X		
total feed rate of chlorine and chloride in total feedstreams total feed rate of ash	266.103(c)(1)(iii)	335.221(a)(11)	Х		
in total feedstreams, except ash feed rate for cement kilns and light-weight aggregate kilns is not limited carbon monoxide con- centration and where	266.103(c)(1)(iv)	335.221(a)(11)	X		
required, hydrocarbon concentration in stack gas; CO and HC limits	266.103(c)(1)(v)	335.221(a)(11)	X		
maximum production rate when producing normal product	266.103(c)(1)(vi)	335.221(a)(11)	X		
maximum combustion chamber temperature with temperature measured where specified; exception maximum flue gas	266.103(c)(1)(vii)	335.221(a)(11)	X		
temperature entering a particulate matter control device; exception	266.103(c)(1)(viii)	335.221(a)(11)	X		
	266.103(c)(1)(ix)	335.221(a)(11)	Х		
limits for	266.103(c)(1)(ix)(A)	335.221(a)(11)	Х		
systems using wet scrubbers, including	266.103(c)(1)(ix)(B)	335.221(a)(11)			
wet ionizing scrubbers; exception:	266.103(c)(1)(ix)(C)	335.221(a)(11)	X		

FEDERAL	FEDERAL	1111 00010		STATE ANALOG IS:		
EQUIREMENT	RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE	
inimum differential			·			
as pressure cross the enturi; exception	266.103(c)(1)(x)	335.221(a)(11)	x			
	266.103(c)(1)(xi)	335.221(a)(11)	X			
imits for	266.103(c)(1)(xi)(A)	335.221(a)(11)	X			
ystems using dry crubbers; exception:	266.103(c)(1)(xi)(B)	335.221(a)(11)	Х			
imits for ystems using wet	266.103(c)(1)(xii)	335.221(a)(11)	X			
onizing scrubbers r electrostatic	266.103(c)(1)(xii)(A)	335.221(a)(11)	Х			
precipitators; exception:	266.103(c)(1)(xii)(B)	335.221(a)(11)				
ystems using fabric ilters, the minimum pressure drop;	200.105(0)(1)(0.1)(0)					
exception	266.103(c)(1)(xiii)	335.221(a)(11)	X			
at least 30 days prior to 266.103(c)(3) compliance testing, notify Director and submit required						
nformation:	266.103(c)(2)	335.221(a)(11)	X			
	266.103(c)(2)(i)	335.221(a)(11)	X			
	266.103(c)(2)(i)(A)	335.221(a)(11)	X			
	266.103(c)(2)(i)(B)	335.221(a)(11)	X			
	266.103(c)(2)(i)(C)	335.221(a)(11)	X			
general facility nformation	266.103(c)(2)(i)(D)	335.221(a)(11)	X	·····		
	266.103(c)(2)(ii)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(A)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(B)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(C)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(D)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(D)(1)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(D)(2)	335.221(a)(11)	X			
specific information on each device to be tested	266.103(c)(2)(ii)(D)(3)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(E)	335.221(a)(11)	X			
	266.103(c)(2)(ii)(F)	335.221(a)(11)	Х			
information on testing blanned, including complete copy of test protocol and QA/QC	266.103(c)(2)(iii)	335.221(a)(11)				

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	EQUIV-	MORE STRIN-	BROAD -
FEDERAL	RCRA	STATE CITATION	ALENT	GENT	ER IN SCOPE
REQUIREMENT	CITATION	CITATION	NECH I	N. 18 1	JUJF E
plan, and summary		777 554	.,		
description for each	266.103(c)(2)(iii)(A)	335.221(a)(11)	X		
test that provides specified information	266.103(c)(2)(iii)(B)	335.221(a)(11)	X	Witania 277 1	
compliance testing					
under 266.103(b) and 266.103(c)(2)					
conditions	266.103(c)(3)(i)	335.224(7)	X		***************************************
industrial furnaces that recycle collected particulate matter from air pollution control system must test to determine 266.106(c) or (d) metals					
standards compliance					
using one of the following procedures:	266.103(c)(3)(ii)	335.221(a)(11)	X		
266, Appendix IX					
testing requirements in "Alternative Method for Implementing					
Metals Controls"	266.103(c)(3)(ii)(A)	335.221(a)(11)	X		
stack emissions testing for 6 hrs/day while					
hazardous waste is	266.103(c)(3)(ii)(B)	335.221(a)(11)	X		
burned during interim status; conditions for	266.103(c)(3)(ii)(B)(1)	335.221(a)(11)	χ		
status; conditions for testing; analysis for			n - og		
metals content to	266.103(c)(3)(ii)(B)(2)	335.221(a)(11)	X		
assure 266.106(c) or (d) compliance; para-	266.103(c)(3)(ii)(B)(3)	335.221(a)(11)	Х		
meters for which		775 721/21/11	X		
operating limits must be established under	266.103(c)(3)(ii)(B)(4)	335.221(a)(11)			
266.103(c)(3)	266.103(c)(3)(ii)(B)(5)	335.221(a)(11)	X		
conduct compliance testing and establish limits on 266.103(c)(1) parameters after kiln system has been conditioned and has reached equilibrium with metals feed and metals emissions; conditions to be met	2(/ 407/->/7>/::>/2>	775 721/-1/11	~		
during conditioning if no simultaneous	266.103(c)(3)(ii)(C)	335.221(a)(11)	X	······································	
demonstration of 266.104-266.107 compliance during a set of test runs, operating conditions of additional test runs as close as possible					
to original operating conditions	266.103(c)(3)(iii)(A)	335.221(a)(11)	X		
facility to operate under compliance test conditions and reach					

			STATE ANALOG IS:		
FEDERAL REOUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE
teady-state operations before obtaining test		*			
ata to demonstrate					
66.104-266.107 emis- ions standards com-					
liance or establishing					
perating parameter imits: specific					
ndustrial furnaces					
eed not reach teady-state conditions					
rior to beginning					
etals compliance	266.103(c)(3)(iii)(B)	335.221(a)(11)	X		
esting ompliance test data	200.103(0)(3)(111)(0)				
btained during emis-					
ions sampling are used to establish					
perating parameter					
imits in the certifi- ation of compliance					
men parameter must					
e established as er 266.103(c)(1)	266.103(c)(3)(iii)(C)	335.221(a)(11)	X		
ithin 90 days of					
ompleting compliance esting, certification					
to Director of					
compliance with					
66.104(b), (c) and (e),					
66.105-266.107 and					
66.103(a)(5)(i)(D) missions standards;					
ertification must	266.103(c)(4)	335.221(a)(11)	Х		
ric (ddc .		335.221(a)(11)	X		
	266.103(c)(4)(i)(A)	335.221(a)(11)	X		
	266.103(c)(4)(i)(B)	335.221(a)(11)	X		
	266.103(c)(4)(i)(C)	335.221(a)(11)	X		
	266.103(c)(4)(i)(D)	335.221(a)(11)	X		
	266.103(c)(4)(i)(E)	335.221(a)(11)	X		
	266.103(c)(4)(i)(F)	335.221(a)(11)	X		
	266.103(c)(4)(i)(G)	335.221(a)(11)	X		
	266.103(c)(4)(i)(H)	335.221(a)(11)	X		
general facility and esting information	266.103(c)(4)(i)(l)	335.221(a)(11)	X		
	266.103(c)(4)(ii)	335.221(a)(11)	X		
	266.103(c)(4)(ii)(A)	335.221(a)(11)	X		

			STATE ANALOG IS:			
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN-	BROAD- ER IN	
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE	
	266.103(c)(4)(ii)(B)	335.221(a)(11)	X			
	266.103(c)(4)(ii)(B)(1)	335.221(a)(11)	Χ			
	266.103(c)(4)(ii)(B)(2)	335.221(a)(11)	Х			
	266.103(c)(4)(ii)(B)(3)	335.221(a)(11)	X		***	
	266.103(c)(4)(ii)(B)(4)	335.221(a)(11)	Х			
	266.103(c)(4)(ii)(B)(5)	335.221(a)(11)	X			
	266.103(c)(4)(ii)(B)(6)	335.221(a)(11)	Х			
	266.103(c)(4)(ii)(B)(7)	335.221(a)(11)	Х			
	266.103(c)(4)(ii)(B)(8)	335.221(a)(11)	X	and the second s		
specific information on each test	266.103(c)(4)(ii)(B)(9)	335.221(a)(11)	X			
comparison of actual emissions per test with emissions limits prescribed by 266.104(b),(c)&(e) and 266.105-266.107 and established in 266.103(b) certifica-						
tion of precompliance	266.103(c)(4)(iii)	335.221(a)(11)	X			
determination of operating limits based on all valid runs for 266.103(c)(1) para- meters using one of	-					
two procedures:	266.103(c)(4)(iv)	335.221(a)(11)	X			
instantaneous limits	266.103(c)(4)(iv)(A)	335.221(a)(11)	X			
	266.103(c)(4)(iv)(B)(1)	335.221(a)(11)	X			
	266.103(c)(4)(iv)(B)(1)(i)	335.221(a)(11)	X			
nourly rolling average pasis as defined	266.103(c)(4)(iv)(B)(1)(ii)	335.221(a)(11)	X	parame	ter operatir	
limit based on com- pliance test data and specific average	266.103(c)(4)(iv)(B)(2)	335.221(a)(11)	X			
feed rate limits for carcinogenic metals and lead established on either an hourly rolling average basis or on (up to) 24 hour rolling average basis; requirements for 2 to 24 hour average period: feed rate of each	266.103(c)(4)(iv)(C)	335.221(a)(11)	X			
metal limited to ten times the allow- able hourly rolling average basis feed	4					

			STATE ANALOG IS:		
FEDERAL REOUTREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE
COOTACTOR		775 704	v		
ate	266.103(c)(4)(iv)(C)(1)	335.221(a)(11)	X		
	266.103(c)(4)(iv)(C)(2)	335.221(a)(11)	X		····
specifications the	266.103(c)(4)(iv)(C)(2)(i)	335.221(a)(11)	X	*	
continuous monitor	266.103(c)(4)(iv)(C)(2)(ii)	335.221(a)(11)	X		
operating limit for					
feed rate of each metal established					
pased on compliance					
test data as the specified average	266.103(c)(4)(iv)(C)(3)	335.221(a)(11)	X		
feed rate limits for					
metals, total chloride and chlorine, and ash					
established and moni-					
tored based on feed-					
stream concentration and flow rate; flow					
and flow rate; flow rate continuously					
monitored as per	044 4074 34454 3475	775 701/~\/11\	X		
266.103(c)(4)(iv)(A)-(C) language of statement	266.103(c)(4)(iv)(D)	335.221(a)(11)	X		
to accompany the					
certification of	2// 407/ 2//2//	335.221(a)(11)	X		
compliance if required to comply	266.103(c)(4)(v)	333.221(8)(11)			
with 266.104(c) or					
266.103(a)(5)(i)(D)					
HC controls, condi- tioned gas monitoring					
system may be used					
in conformance with					
266, Appendix IX specifications,					
provided certification					
of compliance is sub-					
mitted without 266.103(c)(7) time					
extension	266.103(c)(5)	335.221(a)(11)	X		
special operating					
requirements for industrial furnaces					
that recycle collected					
particulate matter from					
air pollution control system:	266.103(c)(6)	335.221(a)(11)	X		
266, Appendix IX	200,,00,07,07				
operating require-					
ments in "Alternative Method to Implement					
the Metals Controls"					
if complying with	0// 407/ >//>/*	775 774/-1/441	V		
266.103(c)(3)(ii)(A) operating require-	266.103(c)(6)(i)	335.221(a)(11)	<u>X</u>		
ments of					
266.103(c)(3)(ii)(B)					
if complying with that paragraph	266.103(c)(6)(ii)	335.221(a)(11)	X		
mar haradrahij	200.103(0)(11)	333.22.1(8/(11/			

			STATE ANALOG IS:		
	1 20 211112	ANALOGOUS STATE	EQUIV-	MORE STRIN-	BROAD- ER IN
FEDERAL	RCRA CITATION	CITATION	ALENT	GENT	SCOPE
REQUIREMENT	077777			**	
requirements if fail		*			
to submit complete					
certification of com-					
pliance for 266.104-					
266.107 emissions				•	
standards by	266.103(c)(7)(i)	335.221(a)(11)	X		
August 21, 1992:	260.103(c)(7)(1)	333.221(8)(11)			
stop burning hazar- dous waste and begin					
266.103(l) closure	266.103(c)(7)(i)(A)	335.221(a)(11)	X		
limit hazardous waste	200.103(2)(1)(1)(1)	333333			
burning to a total					
period of 720 hours					
beginning August 21,					
1992: submit notifi-					
cation to Director					
by August 21, 1992,					
stating operation					
under restricted					
interim status and					
intention to resume					
hazardous waste					
burning; submit com-					
plete certification					
of compliance by		775 771/-1/11	X		
August 23, 1993	266.103(c)(7)(i)(B)	335.221(a)(11)	^		
obtain case-by-case					
time extension under	266.103(c)(7)(i)(C)	335.221(a)(11)	X		
266.103(c)(7)(ii) condition under which	288.103(2)(1)(1)(0)	333.22.1(8/117	· · · · · · · · · · · · · · · · · · ·		
a case-by-case time	_				
extension may be					
requested for any					
266.103(c) time limit	266.103(c)(7)(ii)	335.221(a)(11)	X		
in granting extension,					
Director may apply					
specified conditions	266.103(c)(7)(ii)(A)	335.221(a)(11)	X		
if time extension					
requested to obtain					
RCRA permit because					
266.104(c) HC limit		777 MM4, 1441	.,		
cannot be met:	266.103(c)(7)(ii)(B)	335.221(a)(11)	X		
what Director	0// 407//75/22/05/45	775 771/-1/11	v		
shall consider:	266.103(c)(7)(ii)(B)(1)	335.221(a)(11)	X		
determine if complete					
Part B permit appli-					
cation that includes 270.22(b) information					
has been submitted	266.103(c)(7)(ii)(B)(1)(i)	335.221(a)(11)	X		
consider if good faith	200.103(0)(1)(1)(0)(1)(1)				
effort to certify					
compliance with all					
other emission con-					
trols has been made	266.103(c)(7)(ii)(B)(1)(ii)	335.221(a)(11)	X		
if extension granted.					
require facility to					
operate under					
266.104(f)(1) baseline					
CO and HC flue gas					
concentration limits	266.103(c)(7)(ii)(B)(2)	335.221(a)(11)	X		

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS		MORE	BROAD -
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN SCOPE
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SLUPE
ubmit at any time					
revised certification					
of compliance under		335.221(a)(11)		Χ	
specific procedures:	266.103(c)(8)	£ 335.224(8)			
prior to submittal, may					
not burn hazardous					
waste for more than					
720 hours under					
operating conditions					
that exceed those in					
current certification of					
compliance; such					
ourning conducted only					
to determine if					
266.104-266.107 emis-					
sions standards can		*** **********************************			
be met under revised		335.221(a)(11)	.,		
conditions	266.103(c)(8)(i)	& 335.224(8)	X		
at least 30 days prior					
to first burning under					
revised conditions,					
notify Director and		77 NA			
submit specific		335.221(a)(11)	v		
information:	266.103(c)(8)(ii)	£ 335.224(8)	X		
EPA facility ID					
number, facility name,					
contact person, tele-		775 774/-1/41			
phone number and	2// 107/->/8>/፡፡>	335.221(a)(11)	X		
address	266.103(c)(8)(ii)(A)	& 335.224(8)			
operating conditions					
owner/operator is					
seeking to revise					
and description of					
changes that		335.221(a)(11)			
prompted need to revise	266.103(c)(8)(ii)(B)	8 335.224(8)	Х		
revise determination that	200.103(0)(11)(0)	0 000.007			
under revised operat-					
ing conditions,					
266.104-266.107					
standards unlikely					
to be exceeded;					
266.103(b)(2) infor-					
mation for		335.221(a)(11)			
documentation	266.103(c)(8)(ii)(C)	8 335.224(8)	X		
complete emissions					
testing protocol for					
pretesting and new					
compliance test, in-					
cluding schedule for					
266.104-266.107					
emission standards					
compliance; 30 day					
prior written notice if					
revision in compliance		335.221(a)(11)			
test date	266.103(c)(8)(ii)(D)	& 335.224(8)	X		
conduct compliance					
test under revised					
operating conditions					
operating conditions					

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	MORE BRO		
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REOUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
ol to determine					
266.104-266.107		775 774 1444			
emissions standards		335.221(a)(11)	.,		
compliance	266.103(c)(8)(iii)	& 335.224(8)	X		
submitted revised					
certification of		775 9947-17441			
compliance under		335.221(a)(11)	v		
266.103(c)(4)	266.103(c)(8)(iv)	& 335.224(8)	X		
recertification of					
compliance within					
three years; if					
recertification under					
new operating condi-					
cions, 266.103(c)(8)	0// 407/ 10	775 77//11		v	
compliance	266.103(d)	335.224(11)		X	
if noncompliance with					
interim status com-					
oliance schedule,					
ourning is to terminate					
on date deadline is					
missed, closure to					
pegin under					
266.103(l), and no					
resumption of burning					
except under 270.66		775 70//4/>	.,		*
operating permit	266.103(e)	335.224(14)	X		
no hazardous waste					
as feed during start-up					
and shut-down unless					
device is operating					
within certification		775 004	**		
conditions	266.103(f)	335.221(a)(12)	X		
during 266.103(c)(3)					
compliance test and					
upon certification of					
compliance, automatic					
waste feed cutoff					
required; additional					
requirements include:	266.103(g)	335.221(a)(13)	X		
maintenance of					
minimum combustion					
chamber temperature					
while hazardous waste					
or residues remain in					
chamber to minimize					
emissions or organic					
compounds	266.103(g)(1)	335.221(a)(13)	X		
f compliance with					
combustion chamber					
emperature limit					
s based on hourly					
olling average,					
ninimum temperature					
during compliance test					
s averaged over					
all runs of the lowest					
nourly rolling average					
, -	266.103(g)(1)(i)	335.221(a)(13)	Χ		
or each run					
or each run f compliance with	200.105(4/\1/\1/				

associated equipment

			STATE ANALOG IS:			
	FEDERAL	ANALOGOUS		MORE	BROAD -	
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN	
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE	
temperature limit is based on instan- taneous temperature measurement, mini- mum temperature during compliance test						
is time-weighted average during all						
test runs	266.103(g)(1)(ii)	335.221(a)(13)	X			
continued monitoring of operating paremeters with limits during cutoff; no restart of hazardous waste feed until parameters comply with certification of						
established compliance limits	266.103(g)(2)	335.221(a)(13)	X			
competance (Times				······································		
	266.103(h)	335.221(a)(14)	X			
	266.103(h)(1)	335.221(a)(14)	X			
requirements for	266.103(h)(2)	335.221(a)(14)	X			
controlling fugitive emissions	266.103(h)(3)	335.221(a)(14)	X			
cease burning hazar- dous waste when changes in combustion properties, feed rates, feed stocks/fuels or design or operating conditions deviate	-					
from permit limits	266.103(i)	335.221(a)(14)	X			
owner or operator, while burning hazar-						
dous waste, must monitor and record:	266.103(j)(1)	335.221(a)(14)	X			
specified feed rates and composition of specified materials to ensure conformance						
with certification	266.103(j)(1)(i)	335.221(a)(14)	X			
CO, HC and oxygen on a continuous basis as specified; monitors installed, operated and maintained as per 266,						
Appendix IX methods	266.103(j)(1)(ii)	335.221(a)(14)	X			
sampling and analysis as requested by Director to verify compliance with 266.104-266.107						
standards	266.103(j)(1)(iii)	335.221(a)(14)	X			
daily visual inspection of boiler or industrial furnace and						

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS		MORE	BROAD -
EDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
when they contain		*			
nazardous waste	266.103(j)(2)	335.221(a)(14)	X		
est automatic feed					
cutoff system and					
associated alarms at least once every					
days when					
nazardous waste is					
ourned unless					
specified conditions					
are demonstrated;					
pperational testing					
at least once every	0// 407/15/75	775 2044 2444			
30 days monitoring and in-	266.103(j)(3)	335,221(a)(14)	X		
spection data recorded					
and placed in					
operating log	266.103(j)(4)	335.221(a)(14)	x		
all 266.103-required			····		
information and data					
cept in facility					
perating record for					
hree years	266.103(k)	335.221(a)(14)	X		
remove all hazardous					
vaste and hazardous vaste residues at					
closure and comply					
with 265.111-265.115	266.103(1)	335.221(a)(14)	X		
203 203	20003\.\/		· · · · · · · · · · · · · · · · · · ·		
STANDARDS TO CONTROL ORGANI	C EMISSIONS				
except as	galactics.				
266.104(a)(3) provides, DRE of					
9.99% required for					
all organic hazardous					
onstituents:					
demonstration					
during trial burn for					
each POHC in permit					
or each waste feed;					
RE equation	266.104(a)(1)	335.221(a)(15)	X		
OHC compliance ith DRE require-					
ents to be					
emonstrated in					
rial burn in					
onformance with					
70.66 procedures;					
esignation of POHCs					
or each waste feed					
y Director					
ased on degree of					
ifficulty of destruction					
nd on waste feed oncentrations con-					
idering analyees sub-					
idering analyses sub- itted with Part B:					
itted with Part B;					
idering analyses sub- itted with Part B; 61, Appendix VIII ompounds unless					

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	F011111	MORE	BROAD -
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN SCOPE
REOUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
compound is suitable					
indicator of DRE	044 4044 3473	775 771(0)(15)	X		
requirements	266.104(a)(2)	335.221(a)(15)	^		
DRE of 99.9999% for					
FO20-FO23, FO26 or FO27 as determined					
from 266.104(a)(1)					
equation; notification					
of intent to burn					
such wastes	266.104(a)(3)	335.221(a)(15)	X		
owners and operators					
of boilers operating					
under 266.110					
requirements are					
exempt from DRE	244 1014-3413	335.221(a)(15)	X		
trial burn	266.104(a)(4)	333.66(8)(13)	^		
owners and operators of boilers or industrial					
furnaces in					
compliance with					
266.109(a) are exempt					
from DRE trial burn	266.104(a)(5)	335.221(a)(15)	X		
except as 266.104(c)					
provides, CO stack					
gas concentration					
cannot exceed 100					
ppmy on an hourly					
rolling average basis,					
continuously corrected to 7% oxygen, dry					
gas basis	266.104(b)(1)	335.221(a)(15)	Х		
continuous monitoring	200.104(0)				
of CO and oxygen					
in conformance with					
266, Appendix IX					
specifications	266.104(b)(2)	335.221(a)(15)	X		
demonstration of					
100 ppmv CO com-					
pliance during trial					
burn or compliance test; highest hourly					
rolling average CO					
must not exceed					
100 ppmv	266.104(b)(3)	335.221(a)(15)	XX		
stack gas concen-			7		
tration of CO may					
exceed 100 ppmv if					
HC concentrations do					
not exceed 20 ppmv;					
exception under	744 40/7-2742	335.221(a)(15)	X		
266.104(f) HC limits established	266.104(c)(1)	(۱۱) ۱۵۷۱ ع۲، دود	^		
on hourly rolling					
average basis,					
reported as propane,					
continuously corrected					
to 7% oxygen, dry gas					
	266.104(c)(2)	335.221(a)(15)	X		

FEDERAL REDUREMENT CITATION CITATION ALENT GENT SCOPI Appendix IX specifications; CO continuously monitoring and appendix in the continuously monitoring a				STATE		
REDURATE. RECOURSEPRIT CITATION CITATION CITATION CITATION ALENT GENT SCOPE Appendix IX specifications; CO continuous Appendix IX specifications Appendix IX specification		FEDERAL				BROAD-
poperdix IX specifications; Continuously monitored products of the product of the	EDERAL	RCRA				ER IN
intions; CD continuously monitored moder 266,104(b)(2) 266.104(c)(3) 335.221(a)(15) X internative CD standard based on trial itry with fact itry with fact itry internative CD standard based on trial itry internative CD standard based on trial itry; intering status facility; int		CITATION	CITATION	ALENT	GENT	SCOPE
nations; CO continuously monitored moder 266,104(b)(2) 266,104(c)(3) 335,221(a)(15) X internative CO stan-lard based on trial upun data (new facility) and conpilance test interin status facility); lef inition and molecular interins status facility; lef inition and rough and the state of the	property IX specifi-					
Journal of the control of the contro	rations: CO contin-					
inder 266.104(b)(2) 266.104(c)(3) 335.221(a)(15) x sternative Co stan- lard based on trial upun data (new facility) and compliance test (interim status facility); sefinition and implementation	iously monitored					
Alternative CD standard based on trial during the composition of the c	inder 266.104(b)(2)	266.104(c)(3)	335.221(a)(15)	X		
Jard based on trial wound date (new facility) and compliance test with the state of						
interim status facility; idefinition and molementation 266.104(c)(4) 335.221(a)(15) X midustrial furnaces that feed hazardous waste for purpose other than solely as an ingredient at any location other than end where products are normally discharged and fuels are normally fired wast comply with 266.104(c) or (f) yedrocarbon limits, irrespective of whether 266.104(b) titrespectific risk assessment for specific boilers and industrial furnaces to demonstrate that thiorinated dibenzofurans emissions do not result in increased lifetime rancer risk exceeding 1 in 100,000 MEI; assessment semissions do not result tin increased certain tetraces conspective of section of the certain tetraces conspective of the certain tetraces of certain tetraces conspecting to the certain tetraces conspecting the conspection of certain tetraces certain tetrac	dard based on trial					
interfine status facility); definition and 266.104(e)(4) 335.221(a)(15) X industrial furnaces that feed hazardous waste for purpose other than solely as an ingredient at any location other than end where products are normally fischarged and fuels are normally fired must comply with 265.104(e) or (f) hydrocarbon (limits, irrespective of whether 266.104(b) standard is met 266.104(d) 335.221(a)(15) X site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that chlorinated dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-p-dioxins and file and the season of the se	ourn data (new facility)					
definition and implementation 266.104(e)(4) 335.221(a)(15) X industrial furnaces that feed hazandous waste for purpose other than solely as an ingredient at any location other than end where croducts are normally discharged and fuels are normally fired aust comply with 626.104(e) or (f) yydrocarbon limits, irrespective of whether 266.104(b) standard is met sees sees ment for specific billers and industrial furnaces to demonstrate that chlorinated dibenzo-prioxins and dibenzo-prioxins and dibenzo-prioxins and dibenzo-prioxins and dibenzo-prioxins and dispersion on the sees of	and compliance test					
implementation 266.104(e)(4) 335.221(e)(15) X industrial furnaces that feed hazardous waste for purpose other than solely as an ingredient strany location other than end where products are normally discharged and fuels are normally fired must comply with 266.104(e) or (f) yelfocarbon limits, irrespective of whether 266.104(b) transfer for specific risk sassassment for specific boilers and industrial furnaces to learnows that that his oriented discharged requires that increased lifetime cancer risk exceeding lin 100,000 ME1; sassassment require ments: 266.104(e) 335.221(a)(15) X settlements are discharged for the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266, Appendix IX the complete of specified congeners using 266. Appendix IX the complete of specified congeners u	•					
Industrial furnaces that feed hazardous waste for purpose other than solely as an ingredient start conduct are normally discharged and fuels are normally fired must comply with 266.104(c) or (f) hydrocarbon limits, increspective of whether 266.104(b) 335.221(a)(15) X standard is met assessment for specific boilers and industrial furnaces to demonstrate that chilorinated dibenzo-prodioxins and dibenzo-prodioxins and dibenzo-prodioxins and dibenzo-prodioxins and dibenzo-prodioxins and dispensessment requirements: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetrepota congeners during trial burnor or compliance test using 266.104(e)(1) 335.221(a)(15) X determine emission rates of certain tetrepota congeners during trial burnor or compliance test using 266.104(e)(1) 335.221(a)(15) X determine emission rates of certain tetrepota congeners during trial burnor or compliance test using 266.104(e)(1) 335.221(a)(15) X determine emission rates of certain tetrepota congeners during trial burnor or compliance test using 266.104(e)(1) 335.221(a)(15) X determine emission rates of certain tetrepotate congeners during trial burnor or compliance test using 266.104(e)(1) 335.221(a)(15) X determine emission rates of certain tetrepotate congeners during trial burnor or compliance test using 266.104(e)(1) 335.221(a)(15) X determine emission rates of certain tetrepotate congeners using 266.104(e)(1) 335.221(a)(15) X determine emission rates of certain tetrepotate or submitted and the product of submitte		2// 10//->//>	775 221(2)(15)	Y		
rised hazardous waste for purpose other than solely as an ingredient at any location other than modely as an ingredient at any location other than end where products are normally discharged and fuels are normally fired must comply with 266.104(c) or (f) yydrocarbon limits, irrespective of the there 266.104(b) and the same and th		200.104(c)(4)	333.221(8)(13)			
tor purpose other than solely as an ingredient strany location other han end where rordwits are normally discharged and fuels are normally fired sust comply with 626,104(c) or (f) sydrocarbon limits, irrespective of whether 265.104(b) standard is met 266.104(d) 335.221(a)(15) X site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that — white the first sions do not result in increased lifetime ancer risk exceeding 1 in 100,000 MEI; assessment requirements: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra-octa congeners during trial burn or compliance test using 266, Appendix IX dethod 23 2 266.104(e)(1) 335.221(a)(15) X dethod 23 2 266.104(e)(1) 335.221(a)(15) X dethod 23 2 266.104(e)(1) 335.221(a)(15) X dethod 27 2 266.104(e)(2) 335.221(a)(15) X dethod 27 2 266.104(e)(2) 335.221(a)(15) X dethod 27 2 266.104(e)(2) 335.221(a)(15) X dethod 28 2 266.104(e)(2) 335.221(a)(15) X dethod 29 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						
solely as an ingredient at any location other than end Where products are normally fired must comply with 266.104(c) or (f) yydrocarbon limits, irrespective of whether 266.104(b) 335.221(a)(15) stendard is met						
at any location other than end where products are normally discharged and fuels are normally fired must comply with 266.104(c) or (f) hydrocarbon limits, increspective of whether 266.104(b) stendard is met 266.104(d) 335.221(a)(15) X stendard is met 266.104(e) 335.221(a)(15) X stendard is met 266.104(e)(1) 335.221(a)(15) X stendard is met 266.104(e)(2) 335.221(a)(15) X stendard						
than end where or or mally fired more and fuels are normally fired must comply with 266.104(c) or (f) yydrocarbon limits, irrespective of whether 266.104(b) standard is met 266.104(d) 335.221(a)(15) X site-specific risk sassessment for specific boilers and industrial furnaces to demonstrate that holorinated dibenzo-prodioxins and dibenzo-prod						
inscharged and fuels for enormally fired fired roust comply with 866.104(c) or (f) hydrocarbon limits, irrespective of hether 266.104(b) site-specific risk ssessment for specific boilers and industrial furnaces to demonstrate that hiorinated dibenzo-prodioxins and dibenzo-prodioxins and dibenzo-prodioxins and dibenzo-prodioxins and dibenzo-firetime cancer risk exceeding l in 100,000 MEI; ssessment require- ments: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra- bota congeners during trial burn or compliance test using 266, Appendix IX wethod 23 266.104(e)(1) 335.221(a)(15) X sestimate 2,3,7,8-TOD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate conduct dispersion modeling using recom- mended methods to predict maximum	•					
discharged and fuels are normally fired must comply with 1866.104(c) or (f) sydrocarbon limits, irrespective of shether 266.104(b) 335.221(a)(15) X site-specific risk assessment for specific billers and industrial furnaces to demonstrate that — chlorinated dibenzo-p-dioxins and dispersion conspliance to a dioxins and dispersion dioxins and dispersion dioxins and dispersion dioxins and dispersion described conspension dioxins and dispersion modeling using recommended methods to predict maximum						
are normally fired nouses comply with 1266.104(c) or (f) sydrocarbon limits, irrespective of whether 266.104(b) 335.221(a)(15) X standard is met 266.104(d) 335.221(a)(15) X standard is met 266.104(e) 335.221(a)(15) X standard is met 266.104(e) 335.221(a)(15) X standard is met 266.104(e) 335.221(a)(15) X standard is met 266.104(e)(1) 335.221(a)(15) X standard is met 266.104(e)(2) 335.221(a)(15) X standard is me	•					
must comply with 266.104(c) or (f) 274 and 275						
266.104(e) or (f) hydrocarbon limits, irrespective of whether 266.104(b) 335.221(a)(15) X site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that — chlorinated dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-fice with a sessement requirements assessment requirements: 266.104(e) 335.221(a)(15) X sessessment requirements: 266.104(e)(1) 335.221(a)(15) X sessessment requirements: 266.104(e)(2) 335.221(a)(15) X sessessment requirements: 266.104(e)(2) 335.221(a)(15) X sessessments: 266.104(e)(2) 335.221(a)(3)(4)(a)(4)(a)(4)(a)(4)(a)(4)(a)(4)(a)(4)(a)(4)(a)(4)(a)(4)(a)(a						
irrespective of whether 266.104(b) standard is met 266.104(d) 335.221(a)(15) X site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that — chlorinated dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-p-dioxins and lifetime cancer risk exceeding 1 in 100,000 MEI; assessment requirements: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra-octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 266.104(e)(1) 335.221(a)(15) X destinate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate conducted the specific congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X definition emission rate 266.104(e)(2) 335.221(a)(1	, ,					
whether 266.104(b) standard is met site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that						
standard is met 266.104(d) 335.221(a)(15) X site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that — chlorinated dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzo-furnas emis- sions do not result in increased lifetime cancer risk exceeding 1 in 100,000 HEI; assessment require- ments: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra- octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 266.104(e)(1) 335.221(a)(15) X estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recom- mended methods to predict maximum	irrespective of					
site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that			777 004 145	V		
assessment for specific boilers and industrial furnaces to demonstrate that chlorinated dibenzo-p-dioxins and dibenzo-p-dioxins and dibenzofurans emissions do not result in increased lifetime cancer risk exceeding 1 in 100,000 MEI; assessment requirements: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetracota congeners during trial burn or compliance test using 266, Appendix IX Method 23 266.104(e)(1) 335.221(a)(15) X estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X econduct dispersion modeling using recommended methods to predict maximum		266.104(d)	335,221(a)(15)	<u> </u>		
specific boilers and industrial furnaces to demonstrate that chlorinated dibenzo-p-dioxins and dibenzo-p-dioxi	•					
industrial furnaces to demonstrate that — Chlorinated dibenzo-p-dioxins and dibenzo-prodioxins and dibenzo-furnans emissions do not result in increased lifetime cancer risk exceeding 1 in 100,000 MEI; assessment requirements: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra-octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 266.104(e)(1) 335.221(a)(15) X estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recommended methods to predict maximum						
demonstrate that chlorinated dibenzo-p-dioxins and dibenzo-p-dioxins dincreased lifetime cancer risk exceeding 1 in 100,000 MEI; assessment require- ments:	•					
chlorinated dibenzo-p-dioxins and dibenzo-p-						
dibenzo-p-dioxins and dibenzofurans emissions do not result in increased lifetime cancer risk exceeding 1 in 100,000 MEI; assessment requirements: 266,104(e) 335.221(a)(15) X determine emission rates of certain tetra-octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 266,104(e)(1) 335.221(a)(15) X destimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX Procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X destimate 2 conduct dispersion modeling using recommended methods to predict maximum		gyperide.				
dibenzofurans emissions do not result in increased lifetime cancer risk exceeding 1 in 100,000 HEI; assessment requirements: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra-octa congeners during trial burn or compliance test using 266, Appendix IX Hethod 23 266.104(e)(1) 335.221(a)(15) X destimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX IX procedures; formula for estimation of equivalent emission rate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X definition rate 266.104(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(e)(
sions do not result in increased lifetime cancer risk exceeding 1 in 100,000 MEI; assessment requirements: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetracota congeners during trial burn or compliance test using 266, Appendix IX Method 23 266.104(e)(1) 335.221(a)(15) X estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X estimate Conduct dispersion modeling using recommended methods to predict maximum		•				
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cancer risk exceeding 1 in 100,000 MEI; assessment require- ments: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra- octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 266.104(e)(1) 335.221(a)(15) X estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recom- mended methods to predict maximum						
1 in 100,000 MEI; assessment require- ments: 266.104(e) 335.221(a)(15) X determine emission rates of certain tetra- octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 266.104(e)(1) 335.221(a)(15) X setimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recom- mended methods to predict maximum						
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determine emission rates of certain tetra- octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 susing 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 266.104(e)(2) 335.221(a)(15) X 266.104(e)(1) 335.221(a)(15) X 266.104(e)(1) 335.221(a)(15) X 266.104(e)(2) 335.221(a)(15) X 266.104(e)(2) 335.221(a)(15) X	ments:	266.104(e)	335.221(a)(15)	X		
rates of certain tetra- octa congeners during trial burn or compliance test using 266, Appendix IX Method 23 estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate conduct dispersion modeling using recom- mended methods to predict maximum						
trial burn or compliance test using 266, Appendix 1X Method 23 266.104(e)(1) 335.221(a)(15) X estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix 1X procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recommended methods to predict maximum						
compliance test using 266, Appendix 1X Method 23 266.104(e)(1) 335.221(a)(15) X estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix 1X procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recommended methods to predict maximum	•					
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estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate		244 10/7-2742	775 991/51/151	¥		
toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recommended methods to predict maximum		200.1U4(e)(1)	333.661(8)(17)			
specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recommended methods to predict maximum						
using 266, Appendix IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recom- mended methods to predict maximum						
IX procedures; formula for estimation of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recom- mended methods to predict maximum						
formula for estimation of equivalent emission rate						
of equivalent emission rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recom- mended methods to predict maximum						
rate 266.104(e)(2) 335.221(a)(15) X conduct dispersion modeling using recom- mended methods to predict maximum						
conduct dispersion modeling using recom- mended methods to predict maximum	•	266.104(e)(2)	335.221(a)(15)	Χ		
modeling using recom- mended methods to predict maximum						
mended methods to predict maximum						
predict maximum						
annual average off-sile	annual average off-site					

			STATE ANALOG IS:			
	FEDERAL ANALOGOUS			MORE BROAD		
EDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN	
EQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE	
round level concen-		×				
rations of						
2,3,7,8-TCDD						
equivalents; maximum						
annual average on-						
site concentration						
used when a person						
resides on-site	266.104(e)(3)	335.221(a)(15)	X			
specified						
2,3,7,8-TCDD ratio		775 004 145	.,			
shall not exceed 1.0	266.104(e)(4)	335.221(a)(15)	X			
for industrial furnaces						
that cannot meet the						
20 ppmv HC limit						
pecause of organic	•					
matter in raw material,						
Director may establish						
alternative HC limit on						
case-by-case basis;						
cement kilns equipped						
with by-pass duct						
neeting 266.104(g)						
requirements not						
requirements not eligible for alterna-						
	266.104(f)	335.221(a)(15)	X			
tive limit	200.104(1)	222.55.107(12)	^			
demonstrate that						
facility is designed and						
operated to minimize						
HC emissions from						
fuels and raw materials						
when baseline HC						
(and CO) level is						
determined; baseline						
level defined; may be						
multiple baseline						
evels	266.104(f)(1)	335.221(a)(15)	X			
develop approach to						
monitor over time						
changes in facility						
operation that could						
reduce baseline						
RC level	266.104(f)(2)	335.221(a)(15)	X			
conduct emissions						
testing during trial						
ourn to:	266.104(f)(3)	335.221(a)(15)	X			
determine baseline	200.104(17(3)	222.22.12/12/	· · · · · · · · · · · · · · · · · · ·			
HC (and CO) level	266.104(f)(3)(i)	335.221(a)(15)	×			
demonstrate that HC	200.104(17(3)(1)	333.22.(6/(13/				
(and CO) levels do						
not exceed baseline						
level when hazardous	2// 40//45/75/75	775 7747-17451	V			
waste is burned	266.104(f)(3)(ii)	335.221(a)(15)	X			
identify types and						
concentrations of 261,						
Appendix VIII organic						
compounds that are						
emitted; conduct dis-						
persion modeling; on-	266.104(f)(3)(iii)	335.221(a)(15)	X			
site ground level						
concentrations evalu-	266.104(f)(3)(iii)(A)	335.221(a)(15)	X			

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS		MORE	BROAD
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
ated if person resides		,			
on-site	266.104(f)(3)(iii)(B)	335.221(a)(15)	χ		····
demonstrate that	266.104(f)(3)(iv)	335.221(a)(15)	Y		
maximum annual	200.104(1)(3)(14)	333.621(0)(13)			
average ground level	266.104(f)(3)(iv)(A)	335.221(a)(15)	X		
concentrations of 266.104(f)(3)(iii)	266.104(f)(3)(iv)(B)	335.221(a)(15)	X		
compounds do not ex-	2// 40///1/7//://02	775 771/-1/151	~		
ceed specified levels monitor and report all	266.104(f)(3)(iv)(C)	335.221(a)(15)			
266.104(f) hydrocarbon					
levels as					
266.104(c)(1)&(2)	2// 40//45//5	775 7747-17451	V		
specify cement kilns may	266.104(f)(4)	335.221(a)(15)	x		
comply with CO and					
HC limits under					
266.104(b)-(d) by					
monitoring in the					
by-pass duct provided:	266.104(g)	335.221(a)(15)	X		
fire hazardous waste	0. (775 554			
only into the kiln	266.104(g)(1)	335.221(a)(15)	X	waxaanaaaanaa waxaanaa	
by-pass duct diverts minimum of 10% of					
kiln off-gas into duct	266.104(g)(2)	335.221(a)(15)	X		
simultaneous demon-					
stration of 266.104					
compliance by emis-					
sions testing or during					
separate runs under	pulled.				
identical operating					
conditions; data to					
demonstrate com-					
pliance with CO and					
HC limits or to					
establish alternative					
limits must be					
obtained during DRE					
testing, CDD/CDF					
testing and compre-					
hensive organic	244 40441	775 554 245	.,		
emissions testing	266.104(h)	335.221(a)(15)	X		
compliance with permit					
operating requirements					
regarded as					
compliance with					
265.104; if such					
compliance is in-					
sufficient, modification or revocation and re-					
or revocation and re- issuance of permit					
under 270.41	266.104(i)	335.223(b)	X		

STANDARDS TO CONTROL PARTICULATE MATTER

particulate matter emissions limited to 180 milligrams per dry standard cubic meter after specified

	FEDERAL	ANALOCOUS	STATE ANALOG IS:		
FEDERAL	RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN-	BROAD
REQUIREMENT	CITATION	CITATION	ALENT	GENT	ER IN SCOPE
correction using Part					
60, Appendix A,					
Methods 1-5 and 266,					
Appendix IX	2// 405/->	777 804			
procedures owner or operator	266.105(a)	335.221(a)(16)	X		····
meeting 266.109(b)					
requirements for low					
risk waste exemption					
is exempt from					
particulate matter					
standard	244 10545	775 0044 444			
compliance with	266.105(b)	335.221(a)(16)	X	·	
permit operating					
requirements regarded					
as compliance with					
266.105; if such					
compliance is insuffi-					
cient, modification or					
revocation and re-					
issuance of permit					
under 270.41	2// 405/	777			
maer 270.41	266.105(c)	335.223(b)	X		
TANDARDS TO CONTROL METAL	C ENICCIONO				
compliance with	LG CHISSIONS				
266.106(b), (c), (d),					
e), or (f) for each					
266.106(b) metal that					
s detectable in waste					
using specified					
procedures	266.106(a)	335.221(a)(17)	X		
ier I feed rate		3333321,337, 717	^		
creening limits for					
etals specified in					
66, Appendix I as a					
unction of					
errain-adjusted					
ffective stack					
eight and terrain and					
and use in facility					
icinity; criteria for					
neligible facilities					
n 266.107(b)(7)	266.106(b)	335.221(a)(17)	X		
eed rates of		·			
ntimony, barium,					
ead, mercury, thallium					
nd silver in all					
edstreams shall not					
ceed 266, Appendix					
screening limits	266.106(b)(1)	335.221(a)(17)	X		
at feed rate			<u> </u>		
reening limits	266.106(b)(1)(i)	335.221(a)(17)	X		
or antimony, barium,					
rcury, thallium,	266.106(b)(1)(i)(A)	335.221(a)(17)	X		
d silver are					
sed on	266.106(b)(1)(i)(B)	335.221(a)(17)	X		
	266.106(b)(1)(ii)	335.221(a)(17)	X		
					······································
	266.106(b)(1)(ii)(A)	335.221(a)(17)	X		

		WATER TO THE RESERVE	STATE ANALOG IS:		
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN-	BROAD- ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
what feed		*			
rate screening	266.106(b)(1)(ii)(B)	335.221(a)(17)	x		
limit for lead is					
based on	266.106(b)(1)(ii)(C)	335.221(a)(17)	X		
feed rates of arsenic, cadmium, beryllium and chromium in all feedstreams shall not exceed values derived from 266, Appendix 1 screening limits; feed					
rate limit equation	266.106(b)(2)(i)	335.221(a)(17)	X		
	266.106(b)(2)(ii)	335.221(a)(17)	X		
what feed rate screening	266.106(b)(2)(ii)(A)	335.221(a)(17)	X		
limits for carcinogenic					
metals are based on	266.106(b)(2)(ii)(B)	335.221(a)(17)	X		
equation for terrain- adjusted effective					
stack height (TESH)	266.106(b)(3)(i)	335.221(a)(17)	X		
stack height may not					
exceed 40 CFR					
51.100(ii) good	266.106(b)(3)(ii)	335.221(a)(17)	X		
if TESH for a parti-		and the state of t			
cular facility is not					
listed in table in appendices, nearest					
oppendices, nearest lower TESH to be					
used; if TESH ≤ 4					
meters, a value of 4	0// 40/11/17/11/11	775 664	•		
meters shall be used	266.106(b)(3)(iii)	335.221(a)(17)	X		
screening limits function of					
non-complex or com-					
olex terrain; criteria;					
use U.S. Geological Survey 7.5-minute			*		
opographic maps	266.106(b)(4)	335.221(a)(17)	X		
creening limits				**************************************	
unction of urban or					
rural land use; determination using					
66, Appendices					
X or X	266.106(b)(5)	335.221(a)(17)	X		
acilities with multiple					
tacks must comply ith screening limits					
or all units assuming					
ll hazardous waste is					
ed into device with					
orst-case stack; orst-case stack					
quation, with lowest					
value the worst-					
ase stack	266.106(b)(6)	335.221(a)(17)	X		
	266.106(b)(7)	335.221(a)(17)	X		

************************************			STATE ANALOG IS:		
FEDERAL	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD -
REQUIREMENT	CITATION	CITATION	VEUI	DENI	SCOPE
what feed		*			
rate screening	266.106(b)(1)(ii)(B)	335.221(a)(17)	X		
limit for lead is	2// 40//45/45/22/05	775 7747-17471	V		
based on feed rates of arsenic,	266.106(b)(1)(ii)(C)	335.221(a)(17)	X		
cadmium, beryllium					
and chromium in all					
feedstreams shall not exceed values derived					
from 266, Appendix I					
screening limits; feed					
rate limit equation	266.106(b)(2)(i)	335.221(a)(17)	X		
what feed	266.106(b)(2)(ii)	335.221(a)(17)	X		
what reed rate screening	266.106(b)(2)(ii)(A)	335.221(a)(17)	X		
limits for carcinogenic		333.221(8)(11)			
metals are based on	266.106(b)(2)(ii)(B)	335.221(a)(17)	X		
equation for terrain-					
adjusted effective	2// 40//// /2//:>	775 9947-171	.,		
stack height (TESH) stack height may not	266.106(b)(3)(i)	335.221(a)(17)	X		
exceed 40 CFR	-				
51.100(ii) good					
engineering practice	266.106(b)(3)(ii)	335.221(a)(17)	X		
if TESH for a parti-					
cular facility is not					
isted in table in appendices, nearest					
ower TESH to be					
used; if TESH ≤ 4	_				
eters, a value of 4					
meters shall be used	266.106(b)(3)(iii)	335.221(a)(17)	X	····	
creening limits					
non-complex or com-					
olex terrain; criteria;					
use U.S. Geological					
Survey 7.5-minute					
opographic maps creening limits	266.106(b)(4)	335.221(a)(17)	X		
unction of urban or					
ural land use;					
etermination using					
66, Appendices	244				
X or X	266.106(b)(5)	335.221(a)(17)	X		
acilities with multiple Tacks must comply					
ith screening limits					
or all units assuming					
ll hazardous waste is					
ed into device with					
orst-case stack; orst-case stack					
quation, with lowest					
value the worst-					
ase stack	266.106(b)(6)	335.221(a)(17)	X		
	266.106(b)(7)	335.221(a)(17)	X		

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV-	MORE STRIN- GENT	BROAD- ER IN SCOPE
	266.106(b)(7)(i)	335.221(a)(17)	X		
	266.106(b)(7)(ii)	335.221(a)(17)	X		
criteria under which	266.106(b)(7)(iii)	335.221(a)(17)	X		
Tier III standards apply instead of Tier I and Tier II screening	266.106(b)(7)(iv)	335.221(a)(17)	X		
limits monitor feed rate of	266.106(b)(7)(v)	335.221(a)(17)	X		
metals in each feed- stream to ensure screening limits are not exceeded	266.106(b)(8)	335.221(a)(17)	×		
Tier II emission rate screening limits function of stack height and terrain and land use in facility; ineligible facilities comply with					
266.106(b)(7) criteria	266.106(c)	335.221(a)(17)	X	·······	
antimony, barium, lead, mercury, thallium and silver shall not					
exceed 266, Appendix screening limits	266.106(c)(1)	335.221(a)(17)	X	. •	
emission rates of arsenic, cadmium, beryllium and chromium shall not exceed values derived from 266, Appendix I screening limits;	-				
mission rate equation mission rate limits	266.106(c)(2)	335.221(a)(17)	X		
mplemented by imiting individual wetal feed rates to rial burn or ompliance test levels; veraging periods; conitoring of metals eed rate in each eedstream to ensure ompliance with 66.102 or 266.103					
imits 266.106(b) definitions	266.106(c)(3)	335.221(a)(17)	X		
nd limitations for pecified terms also pply to 266.106(c) ier II emission rate	2// 40//->//>	775 9947.37473			
ecreening limits acilities with multiple tacks must comply with emissions screen- ng limits for any such tacks assuming all	266.106(c)(4)	335.221(a)(17)	X		***************************************

	FEDERAL	41141.000:10	STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD ER IN SCOPE
REGOLATION			7,00,000	- CONT	300: L
hazardous waste is		*			
fed into device with					
worst-case stack	266.106(c)(5)(i)	335.221(a)(17)	X		
worst-case stack					
determined by					
266.106(b)(6)					
procedures	266.106(c)(5)(ii)	335.221(a)(17)	X		
for each metal,					
total emissions from					
those stacks shall					
not exceed					
worst-case stack	2// 40//->/5>////>	775 224 1447			
screening limit	266.106(c)(5)(iii)	335.221(a)(17)	X		
conformance with Tier					
III metals control					
demonstrated by emis-					
sions testing, air dispersion modeling,					
and demonstration that					
acceptable ambient					
levels are not					
exceeded	266 106(4)(1)	775 771/51/171	v		
266, Appendices IV	266.106(d)(1)	335.221(a)(17)	X		
and V list acceptable					
ambient levels: RACs					
listed for					
noncarcinogeniç					
metals and 10					
RSDs listed for car-					
cinogenic metals;					
RSD defined	266.106(d)(2)	335.221(a)(17)	X		
sum of the ratios of	2001.100/07/12/	333.22.1307()			
predicted ambient					
concentrations to risk-					
specific dose for all					
carcinogenic metals					
emitted shall not					
exceed 1.0; equation	266.106(d)(3)	335.221(a)(17)	X		
for noncarcinogenic					
metals, predicted					
maximum annual					
average off-site					
ground level					
concentration shall not					
exceed the RAC	266.106(d)(4)	335.221(a)(17)	X		
owners/operators with					
nultiple stacks must					
conduct emissions					
esting and dispersion					
modeling to demon-					
strate that aggregate					
missions do not					
exceed acceptable	244 1047-27757	775 004/ 1/47			
mbient levels Inder Tier III, feed	266.106(d)(5)	335.221(a)(17)	X		
rates limited to trial					
wrn or compliance					
est levels; averaging					
est tevets; averaging eriods same as					
inder					
INCI					

or revocation and

	EEDEDAI	41142.000	STATE	ANALOG IS:	
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE	BROAD -
REQUIREMENT	CITATION	CITATION	ALENT	STRIN- GENT	ER IN SCOPE
					<u> </u>
266.106(b)(1)(i)-(ii)		e e			
and (b)(2)(ii); monitor metals feed rate in					
metals feed rate in each feedstream to					
ensure 266.102 or					
266.103 compliance	266.106(d)(6)	775 221/- 1/471			
adjusted Tier I feed	200.100(0)(0)	335,221(a)(17)	X		
rate screening limits					
to account for site-					
specific dispersion					
modeling; how to					
estimate adjusted					
feed rate; feed rate					
screening limits for					
carcinogenic metals					
implemented under					
266.106(b)(2)	266.106(e)	335.221(a)(17)	X		
alternative implemen-					
tation approaches					
approved by Director					
on a case-by-case					
basis for Tier II or					
III metals emission					
limits	266.106(f)(1)	335.221(a)(17)	X		
	266 106(4)(2)	775 224			
	266.106(f)(2)	335.221(a)(17)	X		
	266.106(f)(2)(i)	335.221(a)(17)	X		
da+					
determination of 266.106(d) emissions	266.106(f)(2)(ii)	335.221(a)(17)	X		
limits for each	266 106/65/25/665/65	775 9944 3447			
noncarcinogenic and	266.106(f)(2)(ii)(A)	335.221(a)(17)	X		
carcinogenic metal	266.106(f)(2)(ii)(B)	775 7747. 27472			
use 266, Appendix IX	200.100(1)(2)(11)(8)	335.221(a)(17)	<u> </u>		
Hultiple Metals Train					
o conduct emissions					
esting	266.106(g)(1)	335.221(a)(17)	X		
chromium emissions		555.221(8)(17)	X		
ssumed to be hexa-					
alent chromium					
inless owner/operator					
etermines otherwise	266.106(g)(2)	335.221(a)(17)	X		
ispersion modeling			^		
onducted according					
o specified methods					
predict maximum					
inual average off-					
ite ground level con-					
entration; on-site					
oncentrations when					
erson resides on-site	266.106(h)	335.221(a)(17)	X		
ompliance with					***************************************
66.102 permit oper-					
ting requirements egarded as 266.106					
ompliance unless					
idence indicates					
therwise; modification					
mounication					

			STATE	ANALOG IS:	
FF0.F0.41	FEDERAL	ANALOGOUS	FOULV	MORE	BROAD
FEDERAL	RCRA CITATION	STATE CITATION	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
REQUIREMENT	CITATION	CITATION	VLTUI	GCAI	SCUPE
re-issuance of permit		*			
under 270.41	266.106(i)	335.223(b)	X	***************************************	
STANDARDS TO CONTROL HYDROC	EN CHLORIDE (HCl) AND CHLO	RINE GAS (Cl ₂)			
EMISSIONS Compliance with HCl					
and Cl2 controls under					
266.107(b), (c), or (d)	266.107(a)	335.221(a)(18)	X		
Tier I feed rate					
screening limits for total chlorine specified					
in 266, Appendix II as					
a function of stack					
height and terrain and					
land use in facility					
vicinity; feed rate of					
total chlorine and					
chloride in all feed-					
streams not to exceed specified levels	266.107(b)(1)	335.221(a)(18)	X		
Tier II emission rate	200.107(0)(1)	333.221(8)(10)			
screening limits for					
HCl and Cl2 specified					
in 266, Appendix III					
as a function of					
terrain-adjusted effec-					
tive stack height and					
terrain and land use in facility vicinity; stack					
emission rates not to					
exceed specified levels	266.107(b)(2)	335.221(a)(18)	X		
266.106(b) definitions					
and limitations for					
specified terms also					
apply to 266.107(b)	244 107/11/21	775 7747-17401	V		
screening limits facilities with multiple	266.107(b)(3)	335.221(a)(18)	X		
racilities with multiple stacks subject to HCl					
or Cl2 emissions con-					
trols must comply with					
lier I and II screening					
limits assuming all					
nazardous waste is					
fed into device with	244 407/15//	775 7747-17401	v		
√orst-case stack √orst-case stack	266.107(b)(4)	335.221(a)(18)	X		
determined by					
266.106(b)(6)					
procedures	266.107(b)(4)(i)	335.221(a)(18)	X		
under Tier I, total					
eed rate of chlorine					
and chloride to all					
subject devices not to					
exceed worst-case stack screening limit	244 107/61/11/221	775 7047-17401	V		
under Tier II, total	266.107(b)(4)(ii)	335.221(a)(18)	X		
ICL and Cl2 emissions					
rom all subject stacks					
not to exceed worst-					
ase stack screening					

	FFDFD.11		STATE	ANALOG IS:	
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD ER IN
CE WO I IVE I IE II I		V. 17(11 UH	VENI	UENI	SCOPE
limit	266.107(b)(4)(iii)	335.221(a)(18)	X		
conformance with Tier III controls demon- strated by HCl and Cl2 emissions testing, air dispersion modeling, and demonstration that acceptable	,				
ambient levels are not					
exceeded	266.107(c)(1)	335,221(a)(18)	X		
266, Appendix IV lists	244 1074-1421	775 224 1446			
RACs for HCl and Cl2 facilities with multiple stacks subject to HCl or Cl2 emissions con- trols must conduct emissions testing and dispersion modeling to demonstrate that aggregate emissions	266.107(c)(2)	335.221(a)(18)	X		
do not exceed accept-					
able ambient levels					
for HCl and Cl2 HCl and Cl2 controls	266.107(c)(3)	335.221(a)(18)	X		
limiting feed rate of total chlorine and chloride in all feedstreams; feed rate under Tier I limited to Tier I screening					
limits; feed rate under Tiers II and III limited to trial burn	266.107(d)	335.221(a)(18)	X	***************************************	
or compliance test feed rates; feed rate	266.107(d)(1)	335.221(a)(18)	X		
limits based on:	266.107(d)(2)	335.221(a)(18)	X		
adjusted Tier I feed rate screening limits to account for site- specific dispersion modeling; how to determine these				Market	
adjusted rates	266.107(e)	335.221(a)(18)	X	***************************************	
emissions testing for HCl and Cl2 con- ducted using 266, Appendix IX	2// 107//				
procedures dispersion modeling	266.107(f)	335.221(a)(18)	X		
to 266.106(h) provisions compliance with	266.107(g)	335.221(a)(18)	X		
266.102 permit oper- ating requirements regarded as 266.107 compliance unless evidence indicates otherwise; modification					

		-	STATE	ANALOG IS:	
FF0 F0.44	FEDERAL	ANALOGOUS	501111	MORE	BROAD-
FEDERAL	RCRA CITATION	STATE CITATION	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
REQUIREMENT	CITATION	CITATION	ALLAI	ULNI	SCUPE
or revocation and					
re-issuance of permit					
under 270.41	266.107(h)	335.223(b)	X		
SMALL QUANTITY ON-SITE BUR	NER EXEMPTION				
owners and operators that burn hazardous waste in on-site boiler or industrial furnace exempt from 266.108					
requirements provided:	266.108(a)	335.221(a)(19)	Х		
quantity of hazardous waste burned for a calendar month does not exceed limits shown in table entitled	2001100(4)	333.22.(6)(1/)			
"Exempt Quantities for Small Quantity Burner Exemption" based on 266.106(b)(3) terrain- adjusted effective					
stack height; table	266.108(a)(1)	335.221(a)(19)	×		
maximum hazardous waste firing rate does not exceed 1% of					
total fuel requirements	2// 408/-3/23	775 774/-1/401	V		
on a volume basis minimum heating	266.108(a)(2)	335.221(a)(19)	X		
value of 5,000 Btu/lb	266.108(a)(3)	335.221(a)(19)	X		
does not contain F020-F023, F026					
or F027	266.108(a)(4)	335.221(a)(19)			
if mixed with non- nazardous waste, compliance with 266.108(a) quantity	2// 400//	775 704 140			
pefore mixing equation for imple- menting 266.108(a)(1) quantity limits if purning in more than one exempt on-site poiler or industrial	266.108(b)	335.221(a)(19)	X		
furnace	266.108(c)	335.221(a)(19)	X		
	266.108(d)	335.6(i)	X		
one-time signed,	266.108(d)(1)	335.6(i)(1)	X		
written notification requirements for small	266.108(d)(2)	335.6(i)(2)	×		
quantity burner exemption	266.108(d)(3)	335.6(i)(3)	X		
maintain for at least by years sufficient records documenting quantity firing rate and heating value limits compliance, including quantity burned per calendar month and	200.100(4)(3)	337.0(17(3)	^		kajadas Arasa BAAAA Pirangan

			STATE	ANALOG 15:	
	FEDERAL	ANALOGOUS		MORE	BROAD-
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
heating value	266.108(e)	335.221(a)(19)	Х		
LOW RISK WASTE EXEMPTION waiver of 266.104(a) DRE standard if device is operated in conformance with 266.109(a)(1) and burning will not result in unacceptable ad- verse health effects as per 266.109(a)(2)					
vice is operated in nformance with 6.109(a)(1) and rning will not result unacceptable adrese health effects per 266.109(a)(2) ocedures	266.109(a)	335.221(a)(20)	X		
	266.109(a)(1)	335.221(a)(20)	X		
	266.109(a)(1)(i)	335.221(a)(20)	X		
	266.109(a)(1)(ii)	335.221(a)(20)	X		
operating	266.109(a)(1)(iii)	335.221(a)(20)	X	· · · · · · · · · · · · · · · · · · ·	
device	266.109(a)(1)(iv)	335.221(a)(20)	X		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	266.109(a)(2)	335.221(a)(20)	X		
	266.109(a)(2)(i)	335.221(a)(20)	X		
	266.109(a)(2)(ii)	335.221(a)(20)	X		
	286.109(a)(2)(iii)	335.221(a)(20)	X	***	
	266.109(a)(2)(iii)(A)	335.221(a)(20)	X		·
	266.109(a)(2)(iii)(B)	335.221(a)(20)	X		
procedures to demon-	266.109(a)(2)(iv)	335.221(a)(20)	X	71 - 15 - 16 - 16 - 16 - 16 - 16 - 16 - 1	
strate that hazardous	266.109(a)(2)(iv)(A)	335,221(a)(20)	X	······································	
pose unacceptable adverse public health	266.109(a)(2)(iv)(B)	335.221(a)(20)	X		
effects	266.109(a)(2)(iv)(C)	335.221(a)(20)	X		
onditions under	266.109(b)	335.221(a)(20)	X	which	the 266.10
particulate matter standard is	266.109(b)(1)	335.221(a)(20)	X		
waived	266.109(b)(2)	335.221(a)(20)	X		

WAIVER OF DRE TRIAL BURN FOR BOILERS

boilers operating under 266.110 requirements and that do not burn F020-F023, F026 or F027 considered in compliance with 266.104(a) DRE standard, and trial burn to demonstrate DRE is

	**************************************	**************************************	STATE	ANALOG IS:	
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	FOUT	MORE	BROAD-
REQUIREMENT	CITATION	CITATION	EQUIV-	STRIN-	ER IN
NEWO (NEPLEN)	JIMIUK	CITATION	ALENT	GENT	SCOPE
waived; when burning		e .			
hazardous waste:	266.110	335.221(a)(21)	X		
"primary fuel" defined;					
minimum of 50% primary fuel firing rate,					
primary fuel firing rate, determined on total					
heat or volume input					
basis	266.110(a)	335.221(a)(21)	У		
boiler load defined		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	^		
and not less than 40%	266.110(b)	335.221(a)(21)	x		
minimum as-fired					
heating value of	2// 4404				
8,000 Btu/lb conformance with	266.110(c)	335.221(a)(21)	X		
266.104(b)(1) carbon					
monoxide standard:					
boilers subject to					
266.110 DRE waiver					
not eligible for					
266.104(c) alternative					
carbon monoxide					
standard	266.110(d)	335.221(a)(21)	X		
poiler must be water-					
tube type that does not feed fuel using a					
stoker or stoker type					
mechanism	266.110(e)	335.221(a)(21)	v		
		337.661(0)(61)			
conditions under which	266.110(f)	335.221(a)(21)	X		
nazardous waste shall					
e fired directly into	266.110(f)(1)	335.221(a)(21)	X		
primary fuel flame	2// 450//\/2:				
one of combustion	266.110(f)(2)	335.221(a)(21)	X		
namber with an air or steam, mechanical	266 110743733	775 7747			
or rotary cup atomiza-	266.110(f)(3)	335.221(a)(21)	X		
ion system	266.110(f)(4)	335.221(a)(21)	Y		
T.110.100.0		1000	^		
TANDARDS FOR DIRECT TRANSFE 66.111 regulations	R				
pply to boilers and					
ndustrial furnaces	•				
ubject to 266.102 or					
66.103 if direct trans-					
er of hazardous waste					
rom transport vehicle					
o boiler or industrial					
urnace without use					
f storage unit	266.111(a)	335.221(a)(22)	X		
or 266.111, terms					
ave meanings given	2// 444/1 >				
n 266.111(b)(1) direct transfer	266.111(b)(1)intro	335.221(a)(22)	X		
quipment"	266.111(b)(1)	335.221(a)(22)	v		
		J33.cc1(a)(cc)	X		
container"	266.111(b)(1)	335.221(a)(22)	X		
tank systems" means irect transfer equip-					
Heur transfer edulp-					
ent when Subparts I					

	FED ED 4.1		STATE	ANALOG IS:	
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	FOURT	MORE	BROAD
REQUIREMENT	CITATION	CITATION	ALENT	STRIN- GENT	ER IN SCOPE
and 265 are referenced	266.111(b)(2)	335.221(a)(22)	V		
no direct transfer of	200.717(0)(2)	337.221(8)(22)	X		
oumpable hazardous					
container to boiler					
or industrial furnace	266.111(c)(1)	335.221(a)(22)	X		
direct transfer equip- ment requirements	266.111(c)(2)				
	266.111(c)(3)	335.221(a)(22)	X		
	266.111(c)(3)(i)	335.221(a)(22)	X		······
	266.111(c)(3)(ii)	335.221(a)(22)	×		
direct transfer of mazardous waste to	266.111(c)(3)(iii)	335.221(a)(22)			
poiler or industrial					
furnace conducted so that it does	266.111(c)(3)(iv)	335.221(a)(22)	X	· · · · · · · · · · · · · · · · · · ·	
not result in any	266.111(c)(3)(v)	335.221(a)(22)	X		~~~
ituation	266.111(c)(3)(vi)	335.221(a)(22)	x		
conditions under which				······································	
nazardous waste snatt not be placed in					
lirect transfer					
	266.111(c)(4)	335.221(a)(22)	X		
nd practices to pre-					
vent spills and over-	266.111(c)(5)	335.221(a)(22)	X		
ransfer equipment or	266.111(c)(5)(i)	335.221(a)(22)	×		
ts secondary contain- ent system	266.111(c)(5)(ii)				
rect transfer of zardous waste to iller or industrial requirements rect transfer equipment requirements rect transfer of zardous waste to iller or industrial reace conducted that it does to result in any 6.111(c)(3)(i)-(iv) to					
	266.111(d)	335.221(a)(22)	X		
ogui nomente	266.111(d)(1)	335.221(a)(22)	X		Note and other constraints are a second
ssociated with	266.111(d)(2)	335.221(a)(22)	X		
rea where containers re located	266.111(d)(3)				
irect transfer	200.111(0)(3)	335.221(a)(22)	X		
quipment must meet	266 111(0)	775 7747-3773	V		
accounts regar emetres.	266.111(e)	335.221(a)(22)	X		
•	266.111(e)(1)	335.221(a)(22)	X		
econdary containment	266.111(e)(1)(i)	335.221(a)(22)	×		
equirements for new nd existing equipment	266.111(e)(1)(ii)				
or existing direct	200.111(8)(1)(11)	335.221(a)(22)	X		
ransfer equipment					

transfer equipment without secondary containment, determination whether leaking or unfit for use; assessment written and certified

			STATE	ANALOG IS:	
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
by qualified, registered professional engineer in accordance with					
270.11(d) by August 21, 1992	266.111(e)(2)(i)	335.221(a)(22)	X		
	266.111(e)(2)(ii)	335.221(a)(22)	Х		
	266.111(e)(2)(ii)(A)	335.221(a)(22)	X		
	266.111(e)(2)(ii)(B)	335.221(a)(22)	Х		
	266.111(e)(2)(ii)(C)	335.221(a)(22)	X		
	266.111(e)(2)(ii)(D)	335.221(a)(22)	X		
minimum considera- tions for assessment	266.111(e)(2)(ii)(E)	335.221(a)(22)	X		
if, due to 266.111(e)(2)(i)&(iv) assessment, direct transfer equipment found to be leaking or unfit for use, compliance with 265.76(a) and (b)	266.111(e)(2)(iii)	335.221(a)(22)	X		
inspection requirements	266.111(e)(3)(i)	335.221(a)(22)	χ		
ot least once each pperating hour when	266.111(e)(3)(i)(A)	335.221(a)(22)	X		
ransferring hazardous	266.111(e)(3)(i)(B)	335.221(a)(22)			
o boiler or industrial Turnace	266.111(e)(3)(i)(C)	335.221(a)(22)	Х		
inspect cathodic pro- tection systems to ensure 265.195(b) compliance records of inspections	266.111(e)(3)(ii)	335.221(a)(22)			
maintained in operating record for at east 3 years 265.192 compliance	266.111(e)(3)(iii)	335.221(a)(22)	X		
or design and nstallation of new ncillary equipment 65.196 compliance	266.111(e)(4)	335.221(a)(22)	X		
or response to leaks or spills 265.197 closure com-	266.111(e)(5)	335.221(a)(22)	X		, M.
liance, except (65.197(c)(2)-(4)	266.111(e)(6)	335.221(a)(22)	X		

13 REGULATION OF RESIDUES

residue derived from burning or processing of hazardous waste is not excluded under 261.4(b)(4), (7) or (8) unless device and owner or operator

	FEDERAL	ANALOCCUS	STATE	ANALOG IS:	
FEDERAL REQUIREMENT	RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV-	MORE STRIN- GENT	BROAD ER IN SCOPE
				GENT	SLUPE
meet the following					
requirements:	266.112	335.221(a)(23)	X		
	266.112(a)	335.221(a)(23)	X		
	266.112(a)(1)	335.221(a)(23)	X		
	266.112(a)(2)	335.221(a)(23)	X		· · · · · · · · · · · · · · · · · · ·
criteria the device must meet:	266.112(a)(3)	335.221(a)(23)			
demonstration by owner or operator that hazardous waste does not significantly affect residue by demon- strating conformance with either of two criteria: comparison of waste-	266.112(b)	335.221(a)(23)			
derived residue with normal residue for 261, Appendix VIII constituents; proce- dures to be uped	266.112(b)(1)	335.221(a)(23)	X		
determination of con- centrations of toxic constituents of concern in normal residue passed on analyses of a minimum of 10 composite samples; determine upper 95% confidence level about					
the mean for the statistically-derived concentration; when to evise; how to determine the upper 5% confidence level letermination of conentrations of toxic	266.112(b)(1)(i)	335.221(a)(23)	X		the control to the co
onstituents of concern n waste-derived resi- ue based on analysis f samples composited ver a period of not ore than 24 hours; of significantly higher f doesn't exceed 66.112(b)(1)(i) ormal residue con- entration	266.112(b)(1)(ii)	335.221(a)(23)	v		
oncentration of non- etal toxic consti- uents of concern in ater derived residue ay not exceed ealth-based limits pecified in 266, Ap- endix VII; if no limit		333.EE I\6/(E3/	x		

			SIALE	ANALOG IS:	
FEDERAL	FEDERAL RCRA	ANALOGOUS	50/11/	MORE	BROAD-
REQUIREMENT	CITATION	STATE CITATION	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
					00012
in Appendix VII, limit		,			
is 0.002 mg/kg or level of detection.					
whichever is higher	266.112(b)(2)(i)	335.221(a)(23)	×		
for metal constituents,					M.W.
in extract concen- tration obtained using 261.24 TCLP not to					
exceed 266, Appendix VII limits	266.112(b)(2)(ii)	335.221(a)(23)	X		
	266.112(c)	335.221(a)(23)	X		
	266.112(c)(1)	335.221(a)(23)	X		
records to document 266.112 compliance to	266.112(c)(2)	335.221(a)(23)	X		
ecords to document 66.112 compliance to e retained for 3 ears; information o be recorded	266.112(c)(2)(i)	335.221(a)(23)	X		
	266.112(c)(2)(ii)	335.221(a)(23)	X		
	APPENDIX	(1 TO PART 266			
					#
TIER I AND TIER II FEED RA Tier I and Tier II	TE AND EMISSIONS SCREENING LI	MITS FOR METALS			***************************************
Feed Rate and Emis- sions Screening Limits for Carcinogenic					
Metals for Facilities In Noncomplex Terrain (see 56 FR 7728)	Appendix I/Table I-A	335.221(a)	x		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II	Appendix I/Table I-A	335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis-	Appendix I/Table 1-A	335.221(a)	Х		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits	Appendix I/Table I-A	335.221(a)	Х		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- sions Screening Limits or Noncarcino 56nic	Appendix I/Table 1-A	335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- sions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain					
in Noncomplex Terrain (see 56 FR 7728) Fier I and Tier II Feed Rate and Emissions Screening Limits For Noncarcino 56nic Hetals for Facilities In Noncomplex Terrain See 56 FR 7229)	Appendix I/Table 1-A Appendix I/Table 1-B	335.221(a) 335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis-					
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits					
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic					
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities					
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Terrain see 56 FR 7729)					
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic etals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II	Appendix I/Table 1-8	335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic etals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis-	Appendix I/Table 1-8	335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic etals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits	Appendix I/Table 1-8	335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Ierrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Complex Ierrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Carcinogenic etals for Facilities	Appendix I/Table 1-8	335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic etals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Carcinogenic etals for Facilities n Noncomplex Terrain	Appendix I/Table 1-8 Appendix 1/Table 1-C	335.221(a) 335.221(a)	X		
In Noncomplex Terrain See 56 FR 7728) Tier I and Tier II Teed Rate and Emis- Tions Screening Limits Or Noncarcino 56nic Tetals for Facilities In Noncomplex Terrain See 56 FR 7229) Tier I and Tier II Tier Rate and Emis- Tions Screening Limits Or Noncarcinogenic Tetals for Facilities I Complex Terrain See 56 FR 7729) Tier I and Tier II Tie	Appendix I/Table 1-8	335.221(a)	X		
In Noncomplex Terrain See 56 FR 7728) ier I and Tier II feed Rate and Emissions Screening Limits for Noncarcino 56nic letals for Facilities in Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emissions Screening Limits or Noncarcinogenic etals for Facilities in Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emissions Screening Limits or Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emissions Screening Limits or Carcinogenic etals for Facilities in Noncomplex Terrain see 56 FR 7230) ier I and Tier II	Appendix I/Table 1-8 Appendix 1/Table 1-C	335.221(a) 335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Corcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Carcinogenic etals for Facilities n Noncomplex Terrain see 56 FR 7230) ier I and Tier II eed Rate and Emis- ions Screening Limits	Appendix I/Table 1-8 Appendix 1/Table 1-C	335.221(a) 335.221(a)	X		
n Noncomplex Terrain see 56 FR 7728) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcino 56nic letals for Facilities n Noncomplex Terrain see 56 FR 7229) ier I and Tier II eed Rate and Emis- ions Screening Limits or Noncarcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Carcinogenic etals for Facilities n Complex Terrain see 56 FR 7729) ier I and Tier II eed Rate and Emis- ions Screening Limits or Carcinogenic etals for Facilities n Noncomplex Terrain see 56 FR 7230) ier I and Tier II eed Rate and Emis- ions Screening Limits or Carcinogenic	Appendix I/Table 1-8 Appendix 1/Table 1-C	335.221(a) 335.221(a)	X		
in Noncomplex Terrain (see 56 FR 7728) Fier I and Tier II Feed Rate and Emis- Fions Screening Limits For Noncarcino 56nic Hetals for Facilities In Noncomplex Terrain	Appendix I/Table 1-8 Appendix 1/Table 1-C	335.221(a) 335.221(a)	X		

			STATE	ANALOG IS:	
	FEDERAL	ANALOGOUS	*****	MORE	BROAD-
FEDERAL	RCRA CITATION	STATE CITATION	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
REOUTREMENT	CITATION	CITATION	ALENI	GENT	SCOPE
	APPE	NDIX II TO PART 266			
TIER I FEED RATE SCREENING	G LIMITS FOR TOTAL CHLORIA	IE AND CHLORIDE			
Tier I Feed Rate Screening Limits for Chlorine for Facilities					
in Noncomplex and					
Complex Terrain (see 56 FR 7231)	Appendix II	335.221(a)	v		
(See 30 FK 1231)	Аррегитх 11	333.00(8)			
	APPE	NDIX III TO PART 266			
TIER II EMISSION RATE SCRE	EENING LIMITS FOR FREE CHL	ORINE AND HYDROGEN			
Tier II Emissions					
Screening Limits for Cl2 and HCl in Non-					
complex Terrain (see					
56 FR 7231-7232)	Appendix III	335.221(a)	X		
Tier II Emissions Screening Limits for					
Cl2 and HCl in Com-					
plex Terrain		775 554			
(see 56 FR 7232)	Appendix III	335.221(a)	X		
	APF	PENDIX IV PART 266			
REFERENCE AIR CONCENTRATIO	ONS —				
Constituents, CAS Nos. and RAC					
(see 56 FR 7232)	Appendix IV	335.221(a)	X	·····	
	APPE	ENDIX V TO PART 266			
RISK SPECIFIC DOSES					
Constituents, CAS					
Nos., Unit risk and RsD (see 56 <u>FR</u> 7232-					
7233)	Appendix V	335.221(a)	X		
	APPE	NDIX VI TO PART 266			
STACK PLUME RISE			**************************************		
flow rates and ex-					
haust temperatures					
(see 56 <u>FR</u> 7233- 7234)	Appendix VI	335.221(a)	x		
	Appendix vi	(۵)۱۱۵۱. درد	^		······
	APPE	NDIX VII TO PART 266			
HEALTH-BASED LIMITS FOR EX	CLUSION OF WASTE-DERIVED	RESIDUES		to standard the standard to see the standard to see the season of the se	
Concentration Limits					
(56 FR 7234)	Appendix VII	335.221(a)	X		

			STATE	ANALOG IS:	
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	FOULV	MORE	BROAD
REQUIREMENT	CITATION	CITATION	EQUIV- ALENT	STRIN-	ER IN
WE AND LIKE HELL	CITATION	CITATION	VEUI	GENT	SCOPE
NonmetalsResidue		d and a second a second and a second a second and a second a second and a second and a second a second a second a second and a second and a second a second a second a second a second and			
Concentration Limits					
(see 56 FR 7234)	Appendix VII	335.221(a)	X		
	APPEND	IX VIII TO PART 266			
POTENTIAL PICS FOR DETER	MINATION OF EXCLUSION OF WAS	TE-DERIVED RESIDUES	·		
PICs Found in Stack					
Effluents (see					
56 FR 7235)	Appendix VIII	335.221(a)	X		
	APPEN	DIX IX TO PART 266			
METHODS MANUAL FOR COMPL	IANCE WITH BIF REGULATIONS		······································		
This appendix will		· · · · · · · · · · · · · · · · · · ·			
be published in the					
Federal Register in		775 664			
the near future	Appendix IX	335.221(a)	X		
	APPEN	IDIX X TO PART 266			
					•
GUIDELINE ON AIR QUALITY	MODELS (Revised) (1986)				
This appendix will	111111111111111111111111111111111111111	***************************************			
be published in the					
<u>Federal Register</u> in					
the near future	Appendix X	335.221(a)	X		
	PART 270 - EPA ADMINISTERED P	D PERMIT PROGRAMS: THE H. ERMIT PROGRAM	AZARDOUS WASTE		
	P	ERMIT PROGRAM	AZARDOUS WASTE		
	P		AZARDOUS WASTE		
SPECIFIC PART B INFORMAT) FURNACES BURNING HAZARDOU	SUBPART B SUBPART B	- PERMIT APPLICATION	AZARDOUS WASTE		
FURNACES BURNING HAZARDOL owners and operators	SUBPART B SUBPART B	- PERMIT APPLICATION	AZARDOUS WASTE		
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-	SUBPART B SUBPART B	- PERMIT APPLICATION	AZARDOUS WASTE		
FURNACES BURNING HAZARDOU OWNERS and operators subject to 266.104- 266.107 must conduct	SUBPART B SUBPART B	- PERMIT APPLICATION	AZARDOUS WASTE		
FURNACES BURNING HAZARDOL owners and operators subject to 266.104- 266.107 must conduct a trial burn and must	SUBPART B SUBPART B	- PERMIT APPLICATION	AZARDOUS WASTE		
FURNACES BURNING HAZARDOU OWNERS and operators subject to 266.104- 266.107 must conduct	SUBPART B SUBPART B	- PERMIT APPLICATION	AZARDOUS WASTE		
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn plan or results in accordance with	SUBPART B ION REQUIREMENTS FOR BOILERS US WASTE	- PERMIT APPLICATION AND INDUSTRIAL	AZARDOUS WASTE		
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn blan or results in accordance with 270.66	SUBPART B SUBPART B	- PERMIT APPLICATION	AZARDOUS WASTE		
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn blan or results in accordance with 270.66	SUBPART B ION REQUIREMENTS FOR BOILERS US WASTE	- PERMIT APPLICATION AND INDUSTRIAL			
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn plan or results in accordance with 270.66	SUBPART B ION REQUIREMENTS FOR BOILERS US WASTE	- PERMIT APPLICATION AND INDUSTRIAL			
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn plan or results in accordance with 270.66 waiver of trial burn to demonstrate conformance with a	SUBPART B ION REQUIREMENTS FOR BOILERS US WASTE	- PERMIT APPLICATION AND INDUSTRIAL			
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn plan or results in accordance with 270.66	SUBPART B ION REQUIREMENTS FOR BOILERS US WASTE	- PERMIT APPLICATION AND INDUSTRIAL			
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn plan or results in accordance with 270.66 waiver of trial burn to demonstrate conformance with a particular emission standard under 266.104-266.107	SUBPART B ION REQUIREMENTS FOR BOILERS US WASTE	- PERMIT APPLICATION AND INDUSTRIAL			
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn plan or results in accordance with 270.66 waiver of trial burn to demonstrate conformance with a particular emission standard under 266.104-266.107 and 270.22(a)(2)-	SUBPART B SUBPART B	- PERMIT APPLICATION AND INDUSTRIAL 305.50(4)			
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn blan or results in accordance with 270.66 waiver of trial burn to demonstrate conformance with a particular emission standard under 266.104-266.107 and 270.22(a)(2)-(a)(5)	SUBPART B ION REQUIREMENTS FOR BOILERS US WASTE	- PERMIT APPLICATION AND INDUSTRIAL			
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn blan or results in accordance with 270.66 waiver of trial burn to demonstrate conformance with a particular emission standard under 266.104-266.107 and 270.22(a)(2)-(a)(5) data in lieu of a	SUBPART B SUBPART B	- PERMIT APPLICATION AND INDUSTRIAL 305.50(4)	X		
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn blan or results in accordance with 270.66 waiver of trial burn to demonstrate conformance with a particular emission standard under 266.107 and 270.22(a)(2)-(a)(5) data in lieu of a trial burn as	SUBPART B JON REQUIREMENTS FOR BOILERS JS WASTE 270.22(a)(1) 270.22(a)(1)(i)	- PERMIT APPLICATION AND INDUSTRIAL 305.50(4)	X		
FURNACES BURNING HAZARDOL owners and operators subject to 266.104-266.107 must conduct a trial burn and must submit a trial burn blan or results in accordance with 270.66 waiver of trial burn to demonstrate conformance with a particular emission standard under 266.104-266.107 and 270.22(a)(2)-(a)(5) data in lieu of a	SUBPART B SUBPART B	- PERMIT APPLICATION AND INDUSTRIAL 305.50(4)	X		

	EEDEDAI	ANALOCOUS	STATE ANALOG IS:			
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE	
be permitted under 266.104(a)(4) and 266.110, must submit documentation showing boiler compliance with special operating requirements at 266.110; trial burn vaived	270.22(a)(2)(i)	305.50(4)	v			
			X			
nformation that	270.22(a)(2)(ii)	305.50(4)	X	· · · · · · · · · · · · · · · · · · ·		
oust be submitted for oilers and industrial	270.22(a)(2)(ii)(A)	305.50(4)	X			
urnaces seeking to e permitted under	270.22(a)(2)(ii)(B)	305.50(4)	x			
he low risk waste provisions of	270.22(a)(2)(ii)(C)	305.50(4)	X			
66.104(a)(5) and 66.109(a) without	270.22(a)(2)(ii)(D)	305.50(4)	X			
trial burn	270.22(a)(2)(ii)(E)	305.50(4)	X			
	270.22(a)(3)	305.50(4)	Х			
	270.22(a)(3)(i)	305.50(4)	X			
	270.22(a)(3)(ii)	305.50(4)	X			
	270.22(a)(3)(iii)	305.50(4)	Χ			
nformation that ust be submitted nen seeking to be	270.22(a)(3)(iv)	305.50(4)	×			
ermitted under Tier	270.22(a)(3)(v)	305.50(4)	X			
metals feed rate creening limits at	270.22(a)(3)(vi)	305.50(4)	X			
66.106(b)&(e) with- ut a trial burn	270.22(a)(3)(vii)	305.50(4)	χ			
hen seeking to be ermitted under the ow risk waste provisions of 266.109(b) hich waives the articulate standard, ubmit documentation upporting 70.22(a)(2)(ii) and						
a)(3) conformance	270.22(a)(4)	305.50(4)	X			
	270.22(a)(5)	305.50(4)	X			
	270.22(a)(5)(i)	305.50(4)	Х		***	
nformation to be	270.22(a)(5)(ii)	305.50(4)	X			
ubmitted when seek- ng to be permitted	270.22(a)(5)(iii)	305.50(4)	X			
der Tier I feed rate	270.22(a)(5)(iv)	305.50(4)	X			
reening limits for tal chloride and	270.22(a)(5)(v)	305.50(4)	x			

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD - ER IN SCOPE
REGOTREMENT	CITATION	CITATION	ALLAI	GCRT	3cor c
chlorine under		,			
266.107(b)(1) and (e) provisions without a	270.22(a)(5)(vi)	305.50(4)	X		···
trial burn	270.22(a)(5)(vii)	305.50(4)	X		
owner or operator may seek exemption from trial burn requirements demonstrating 266.104-266.107 conformance, by providing information from previous compliance testing of the device or compliance testing or trial burns of similar poilers or industrial furnaces; burning similar wastes under similar conditions 270.66 design and operation information required; conditions under which Director shall approve a permit application in lieu of a crial burn; additional	210.22(8)(5)(****)		^		
nformation o be submitted	270 224-1441	705 50//>	V		
.o be submitted	270.22(a)(6)	305.50(4)	<u>X</u>	**************************************	
	270.22(a)(6)(i)	305.50(4)	X		
	270.22(a)(6)(i)(A)	305.50(4)	X		
	270.22(a)(6)(i)(B)	305.50(4)	X		
or a waiver from any trial burn:	270.22(a)(6)(i)(C)	305.50(4)	X		
or a waiver of the RE trial burn, basis or selection of POHCs used in other purns which demonstrate POHCs is should pecify 261, ppendix VIII	:				
pperdix VIII constituents in hazar- lous waste for which permit is sought nd any differences rom POHCs for which lata are provided	270.22(a)(6)(ii)	305.50(4)	X		
			.,		
	270.22(b)	305.50(4)	X		······································
	270.22(b) 270.22(b)(1)	305.50(4) 305.50(4)	×		

			STATE	ANALOG IS:	
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
	270.22(b)(3)	305.50(4)	X		
	270.22(b)(4)	305.50(4)	X		
minimum information to be submitted for	270.22(b)(4)(i)	305.50(4)	X	indust	rial furnaces
with organic matter	270.22(b)(4)(ii)	305.50(4)	X	117003	
in raw materials requesting an alter- native HC limit under	270.22(b)(5)	305.50(4)	X	······································	
266.104(f) When seeking to be	270.22(b)(6)	305.50(4)	X		····
permitted under 266.106(f) alternative metals implementation approach, submit documentation that ensures 266.106(c) or (d) compliance and how approach can be implemented and monitored; provide other information as Director finds					
necessary describe automatic	270.22(c)	305.50(4)	Χ		
waste feed cutoff system, including any pre-alarm systems use of direct transfer	270.22(d)	305.50(4)	X	***************************************	110000000000000000000000000000000000000
operations requires submittal of informa- tion supporting 266.111 conformance demonstration of 266.112 conformance if claim is made that		305.51(4) &305.50(13)	Х		
residues are excluded from regulation	270.22(f)	305.50(4)	X		
	SUBPART	D - CHANGES TO PERMITS			
PERMIT MODIFICATION AT THE	DECLIECT OF THE DEDMITTEE				
paragraph heading is changed to "Newly regulated wastes and units" add wording at end of	270.42(g)	305.69(h)	X		
paragraph regarding the continued management of hazardous waste in units newly regulated as hazar- dous waste management units insert "The unit" periore "was in existence"; add "or newly regulated	270.42(g)(1)	305.69(h)(1)	Х		

16

"combustion gas

	FEDERAL	ANALOGOUS	STATE	ANALOG IS:	00010
FEDERAL	RCRA	STATE	EQUIV-	MORE STRIN-	BROAD- ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
≀as‱boodamagesænvting listing ⊔nitthætftdhæ Pehraræcinformat	eme section of code which comes (55 <u>FR</u> 50450). Thus, the little of the following the form of the following the f	Part B boilers/industrial pads were inadvertently r	furnace requi	rements were	added so
at end of paragraph	270.42(g)(1)(i)	305.69(h)(1)(A)	X		
165416 "The Ascillited" owing before 1849" File 1666 (See 18723) insert "Weel" the thirt evision was tell was t	270.42(g)(1)(v) in Federal 37). However, no changes w	code, i.e., 270.42(g)(2) ere made to the paragraph	, is included by this rule,	in the <u>Feder</u> so it has r	al Regist ot been
"waste" The permittee"	5'' 5'270'.42(b)(1)(ii)	305.69(h)(1)(B)	X		
before "is"; insert					
"applicable" before					
"standards"; change "Part 265" to "Parts					
265 and 266 of this					
chapter"	270.42(g)(1)(iii)	305.69(c)(1)(C)	X		
insert "the permittee" before "also"; remove					
"permit" from before					
"modification"; change					
"180 days after" to "180 days of"; add "or					
subjecting the unit to					
RCRA Subtitle C					
management stan- dards" to end of					
paragraph	270.42(g)(1)(iv)	305.69(h)(1)(D)	X .		
insert "the permittee"		303.07(),7(0)			
pefore "certifies";					
insert "each" before 'such unit"; change	-				
'Part 265" to					
requirements of Part					
265 of this chapter for"; add ", or					
egulating the unit as					
hazardous waste					
management unit"					
ofter "hazardous"; change "clarify" to					
certify"; insert "all"					
pefore "these require-					
ments"; change "shall	270 (24) (4)				
ose" to "will lose" hange the heading of	270.42(g)(1)(v)	305.69(h)(1)(E)	Х		·
L." to read "Incinera-					
ors, Boilers, and					
ndustrial Furnaces"; in L.1." replace "a waste					
eed rate limit, or an					
rganic feed rate limit"					
ith "a feedstream					
eed rate limit, a hlorine/chloride feed					
ate limit, a metal					
eed rate limit,					
r an ash feed rate					
imit"; in "L.4." insert , boiler, or industrial					
urnace" after "inciner-					
tor"; in "L.5.a." insert					
or maximum" before					
combustion gas					

	FF0F0 ()		STATE	500.0	
	FEDERAL	ANALOGOUS	F0:11::	MORE	BROAD-
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
4 F		·			
PERMIDIR EMODINERI COMITIEON SA TI MEHES E	BEOUSER'T IOUR THE CREAM WINTERS C	ontained the specific Par	t B informatio	on requiremen	nts for th
paragoon Prhesandriving gid isting	(55 <u>FR</u> 50450). Thus, the	Part B boilers/industrial	turnace requi	rements wer	e added so
chartened tobe Mearity B informat	ion requirements for drip	pads were inadvertently r	emoved by this	s present fil	nal rule.
reguldived ,was 984s (and FR 3019)		a technical correction wa	s published mo	oving the wo	od preserv
unitscourrements to 270.26.	270.42(g)				
add wording at end of					
paragraph regarding lowing the continued	270.42(g)(1)(v) in Federal	code, i.e., 270.42(g)(2)	, is included	in the <u>Fede</u>	ral Regist
The for this fule (56 FR 723)	7). However, no changes w	ere made to the paragraph	by this rule,	, so it has i	not been
the footthis quie (56 FR 723) management to this revision hazardous waste in	n checklist.				
units newly					
regulated as hazar-					
dous waste					
management units	270.42(g)(1)				
insert "The unit"					
before "was in					
existence"; add					
"or newly regulated					
waste management					
unit" after "charac-					
terized waste"; add					
"or regulating the unit"	270 /2/~\/4\/:\	705 40/52/12/42	V		
at end of paragraph insert "The permittee"	270.42(g)(1)(i)	305.69(h)(1)(A)	X		
before "submits":					
insert "or unit" after					
"waste"	270.42(g)(1)(ii)	305.69(h)(1)(B)	X		
insert "The permittee"					
before "is"; insert					
"applicable" before					
"standards"; change					
"Part 265" to "Parts	parties.				
265 and 266 of this					
chapter"	270.42(g)(1)(iii)	305.69(c)(1)(C)	X		
insert "the permittee"					
before "also"; remove					
"permit" from before					
"modification"; change					
"180 days after" to					
"180 days of"; add "or					
subjecting the unit to					
RCRA Subtitle C management stan-					
dards" to end of					
paragraph	270.42(g)(1)(iv)	305.69(h)(1)(D)	X		
insert "the permittee"	5 3/ \ . /				
before "certifies";					
insert "each" before					
"such unit"; change					
"Part 265" to					
"requirements of Part					
265 of this chapter					
for"; add ", or					
regulating the unit as					
a hazardous waste					
management unit"					
after "hazardous";					
change "clarify" to					
"certify"; insert "all"					
before "these require-					
ments"; change "shall	270 /2(=)/1)/	705 (0/5)/1)/5)	V		
lose" to "will lose"	270.42(g)(1)(v)	305.69(h)(1)(E)	X		
change the heading of					

16

			STATE ANALOG IS:			
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV-	MORE STRIN-	BROAD - ER IN	
REGUIRERENT	CITATION	CITATION	ALENT	GENT	SCOPE	
waste management						
unit" after "charac- terized waste"; add						
"or regulating the unit"						
at end of paragraph	270.42(g)(1)(i)	305.69(h)(1)(A)	X			
insert "The permittee" before "submits":						
insert "or unit" after						
"waste"	270.42(g)(1)(ii)	305.69(h)(1)(B)	X			
insert "The permittee" before "is"; insert						
"applicable" before						
"standards"; change						
"Part 265" to "Parts 265 and 266 of this						
chapter"	270.42(g)(1)(iii)	305.69(h)(1)(C)	X			
insert "the permittee"	2.2.72.32.(1)(111)	303.07(11)(17(0)	^			
before "also"; remove						
"permit" from before "modification"; change						
"180 days after" to						
"180 days of"; add "or						
subjecting the unit to RCRA Subtitle C						
management stan-						
dards" to end of						
paragraph	270.42(g)(1)(iv)	305.69(h)(1)(D)	X			
insert "the permittee" before "certifies":						
insert "each" before						
"such unit"; change						
"Part 265" to "requirements of Part	and the second s					
265 of this chapter						
for"; add ", or						
regulating the unit as						
a hazardous waste management unit"						
after "hazardous";						
change "clarify" to						
"certify"; insert "all" before "these require-						
ments"; change "shall						
lose" to "will lose"	270.42(g)(1)(v)	305.69(h)(1)(E)	X			
change the heading of						
"L." to read "Incinerators, Boilers, and						
Industrial Furnaces"; in						
"L.1." replace "a waste						
feed rate limit, or an organic feed rate limit"						
with "a feedstream						
feed rate limit, a						
chlorine/chloride feed rate limit, a metal						
feed rate limit,						
or an ash feed rate						
limit"; in "L.4." insert						
", boiler, or industrial furnace" after "inciner-						
ator"; in "L.5.a." insert						
"or maximum" before						
"combustion gas						

FEDERAL REQUIREMENT ator"; in "L.5.a." insert "or maximum" before "combustion gas temperature" and add "flue gas carbon monoxide and hydro- carbon concentration, maximum temperature at the inlet to the particulate matter emission control system, or operating parameters for the air pollution control system" after "chamber"; change the heading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purning "in "T.b." change "waste incineration" to "waste purning"; in "L.8."	ANALOGOUS STATE CITATION	EQUIV-	MORE STRIN- GENT	BROAD ER IN SCOPE
ator"; in "L.5.a." insert "or maximum" before "combustion gas temperature" and add "flue gas carbon monoxide and hydro- carbon concentration, maximum temperature at the inlet to the particulate matter emission control system, or operating parameters for the pair pollution control system" after "chamber"; change the neading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
eator"; in "L.5.a." insert "or maximum" before "combustion gas temperature" and add "flue gas carbon monoxide and hydro- carbon concentration, maximum temperature eat the inlet to the particulate matter emission control system, or operating parameters for the eair pollution control system" after "chamber"; change the meading of "L.6." to mead "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste	CITATION	ALLAI	UENI	SLOPE
for maximum" before combustion gas comperature" and add flue gas carbon conoxide and hydro- carbon concentration, maximum temperature at the inlet to the carticulate matter commission control system, or operating carameters for the car pollution control system" after chamber"; change the ceading of "L.6." to cead "Burning different mastes:"; in L.6.a.&b. hange all "to ncinerate" to "to curn"; in "7.b." hange "waste ncineration" to "waste				
for maximum" before combustion gas comperature" and add flue gas carbon conoxide and hydro- carbon concentration, maximum temperature at the inlet to the carticulate matter commission control system, or operating carameters for the car pollution control system" after chamber"; change the ceading of "L.6." to cead "Burning different mastes:"; in L.6.a.&b. hange all "to ncinerate" to "to curn"; in "7.b." hange "waste ncineration" to "waste				
remperature" and add If lue gas carbon monoxide and hydro- carbon concentration, maximum temperature at the inlet to the marticulate matter mission control mystem, or operating marameters for the mission control mystem, after "chamber"; change the meading of "L.6." to mead "Burning different mastes:"; in L.6.a.&b. mission control mystem, in "7.b." Thange all "to micinerate" to "to mystem, in "7.b." Thange "waste micineration" to "waste				
If lue gas carbon monoxide and hydro- carbon concentration, maximum temperature at the inlet to the carticulate matter emission control system, or operating corameters for the dir pollution control system" after "chamber"; change the meading of "L.6." to mead "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to xurn"; in "7.b." change "waste incineration" to "waste				
monoxide and hydro- carbon concentration, maximum temperature at the inlet to the carticulate matter emission control system, or operating carameters for the air pollution control system" after "chamber"; change the neading of "L.6." to read "Burning different vastes:"; in L.6.a.&b. change all "to incinerate" to "to courn"; in "7.b." change "waste incineration" to "waste				
carbon concentration, maximum temperature at the inlet to the particulate matter emission control system, or operating parameters for the air pollution control system" after "chamber"; change the neading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
maximum temperature at the inlet to the controllate matter emission control system, or operating conameters for the cair pollution control system" after "chamber"; change the cheading of "L.6." to cread "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to courn"; in "7.b." change "waste incineration" to "waste				
at the inlet to the control articulate matter emission control system, or operating conameters for the cair pollution control system" after "chamber"; change the cheading of "L.6." to cread "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to courn"; in "7.b." change "waste incineration" to "waste				
particulate matter emission control system, or operating parameters for the emir pollution control system" after "chamber"; change the neading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
emission control system, or operating parameters for the air pollution control system" after "chamber"; change the neading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
system, or operating parameters for the air pollution control system" after "chamber"; change the heading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
parameters for the air pollution control system" after "chamber"; change the heading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
air pollution control system" after "chamber"; change the heading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
system" after "chamber"; change the heading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
"chamber"; change the heading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
heading of "L.6." to read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to ourn"; in "7.b." change "waste incineration" to "waste				
read "Burning different wastes:"; in L.6.a.&b. change all "to incinerate" to "to ourn"; in "7.b." change "waste incineration" to "waste				
wastes:"; in L.6.a.&b. change all "to incinerate" to "to ourn"; in "7.b." change "waste incineration" to "waste				
change all "to incinerate" to "to purn"; in "7.b." change "waste incineration" to "waste				
incinerate" to "to ourn"; in "7.b." change "waste incineration" to "waste				
ourn"; in "7.b." change "waste incineration" to "waste				
change "waste incineration" to "waste				
incineration" to "waste				
SUPPLING"" IN "L.O."				
insert "nonhazardous				
waste" before "fuel" 270.42/Appendix 1	305.69(h)	X		
SUBPART F - SPE	ECIAL FORMS OF PERMITS			
PERMITS FOR BOILERS AND INDUSTRIAL FURNACES BURNING HAZ	ARDOUS WASTE			······································
new boilers and				
industrial furnaces				
subject to 270.66(b)-				
(f); those under interim	•			
status standards of				
266.103 subject to	705 571	V		
270.66(a) 270.66(a)	305.571	X		
permit for new boiler				
or industrial furnace				
shall specify approp- riate conditions for				
the following operating periods: 270.66(b)	305.572(1)	X		
pretrial burn period	303.312(1)			·····
described; Director				
must establish in				
Pretrial Burn Period				
of permit conditions,				
illowable hazardous				
raste feed rates and				
operating conditions;				
extension of period				
or up to 720 addi-				
or up to 720 addi- ional hours; permit				
ional hours; permit	305.572(1)	×		

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD ER IN SCOPE
	***************************************	0.111.11OH	ALLRI	GEW!	SCUPE
with Part B that					
suggests operating					
conditions for					
266.104-266.107					
compliance during					
period, including					
restrictions on					
266.102(e) operating					
requirements	270.66(b)(1)(i)	305.572(1)	V		
review of Part B	270.00(0)(1)(1)	303.372(1)	X		
materials and specifi-					
cation by Director of					
requirements sufficient					
to meet 266.104-					
266.107 performance					
standards based on					
engineering judgment	270.66(b)(1)(ii)	305.572(1)	X		
for duration of trial					
burn, Director					
establishes conditions					
in permit to determine					
feasibility of com-					
pliance with 266.104-					
266.107 standards and					
to determine					
edequate 266.102(e)					
operating conditions:					
applicants must pro-					
pose a trial burn plan					
as per 270.66(c) and	070 (())				
submit with Part B	270.66(b)(2)	305.572(1)	X		
for defined					
ninimum period					
mmediately following					
rial burn, during which					
submission and review					
of trial burn results					
and modification of					
permit by Director					
occurs, Director					
stablishes operating					
equirements most					
ikely to ensure					
compliance with					
266.104-266.107					
tandards	270 ((()))	705 570 4			
ubmittal of statement	270.66(b)(3)(i)	305.572(1)	X		
ith Part B that					
dentifies operating					
onditions for					
66.104-266.107					
ompliance during					
eriod, including					
estrictions on					
66.102(e) operating					
equirements	270.66(b)(3)(ii)	305.572(1)	v		
eview and specifi-	270.00(0)(3)(11)	207.372(1)	X		
ation by Director of					
equirements sufficient					
o meet 266.104-					

			STATE ANALOG IS:		
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	EQUIV-	MORE STRIN-	BROAD- ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
266.107 performance standards based on engineering judgment for final period of operation, Director	270.66(b)(3)(iii)	305.572(1)	Х		
develops operating requirements in conformance with (266.102(e) and (266.104-266.107 standards; Director shall take necessary to permit as per 270.42 based					
n trial burn results o ensure compliance	270.66(b)(4)	305.572(1)	X		
nformation the trial ourn plan must nclude; Director may equire supplemental nformation					
TH OF INA C FOR	270.66(c)	305.572(2)	X		
	270.66(c)(1)	305.572(2)	X		
polygie of on-	270.66(c)(1)(i)	305.572(2)	X		
nalysis of each eedstream, as fired	270.66(c)(1)(ii)	305.572(2)	X		
	270.66(c)(2)	305.572(2)	X		
	270.66(c)(2)(i)	305.572(2)	X		
nalysis of each	270.66(c)(2)(ii)	305.572(2)	X		
azardous waste, s fired	270.66(c)(2)(iii)	305.572(2)	X		
	270.66(c)(3)	305.572(2)	χ		
	270.66(c)(3)(i)	305.572(2)	X		
	270.66(c)(3)(ii)	305.572(2)			
	270.66(c)(3)(iii)	305.572(2)	X		
	270.66(c)(3)(iv)		×		
	270.66(c)(3)(v)	305.572(2)			
•	270.66(c)(3)(vi)	305.572(2)			
etailed engineering	270.66(c)(3)(vii)	305.572(2)	X		
escription of boiler r industrial furnace	270.66(c)(3)(viii)	305.572(2)	X		
etailed description f sampling and onitoring procedures etailed test schedule	270.66(c)(4)	305.572(2)	X		
or each hazardous aste for which the	270.66(c)(5)	305.572(2)			

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	F01111	MORE	BROAD -
FEDERAL	RCRA CITATION	STATE CITATION	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
REQUIREMENT	CITATION	CITALION	ALLINI	GLAI	SCUPE
detailed test protocol	270.66(c)(6)	305.572(2)	X		
description of, and					
planned operating					
conditions for, any					
emission control	270 (((-)(7)	705 577/71	χ		
equipment to be used procedures for rapid	270.66(c)(7)	305.572(2)			
stopping of hazardous					
waste feed and emis-					
sions control if an					
equipment malfunction	270.66(c)(8)	305.572(2)	X		
other information					
Director finds					
necessary	270.66(c)(9)	305.572(2)	X		
trial burn conducted					
to demonstrate					
conformance with					
266.104-266.107					
standards under an					
approved trial burn olan	270.66(d)(1)	305.572(3)	X		
J. ali	210.00(0)(1)	307.312(3)			
	270.66(d)(2)	305.572(3)	X		
	270.66(d)(2)(i)	305.572(3)	X	······································	
	270 (// 12/2017)	705 570/75	.,		
findings under this	270.66(d)(2)(ii)	305.572(3)	X		
findings under which the Director shall	270.66(d)(2)(iii)	305.572(3)	Y		
approve a trial		303.312(3)			
ourn plan	270.66(d)(2)(iv)	305.572(3)	X		
submit to Director					
within 90 days of trial					
ourn completion a					
certification that trial					
ourn was carried out					
in accordance with					
approved plan and results of all					
270.66(c) required					
determinations	270.66(d)(3)	305.572(3)	X		
submit all data					
collected during any					
rial burn	270.66(d)(4)	305.572(3)	X		
270.66(d) submissions					
rust be certified by					
ignature of person					
authorized to sign					
ermit application or 70.11 report	270 44/21/51	なりた ヒブンノフィ	V		
or DRE trial burn	270.66(d)(5)	305.572(3)	X	· · · · · · · · · · · · · · · · · · ·	
inder 266.104(a),					
irector will specify					
rial POHCs: basis					
or specification	270.66(e)	305.572(4)	X		
determinations to be					
ade based on each					
	270.66(f)	305.572(5)	χ		
rial burn:	270.00(1)	303.312(3)			
rial burn: puantitative analysis of specified materials	270.08(1)	303.312(3)			

			STATE ANALOG IS:		
FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
n the feedstreams	270.66(f)(1)	305.572(5)	χ		
	270.66(f)(2)	305.572(5)	X		
	270.66(f)(2)(i)	305.572(5)	X		
determinations needed When a DRE trial burn		305.572(5)	X		
is required under 266.104(a)	270.66(f)(2)(iii)	305.572(5)	X		
quantitative analysis of stack gas and a computation showing conformance with the emission standard when a trial burn is required for chlorinated					
dioxins and furans under 266.104(e)	270.66(f)(3)	305.572(5)	x		
quantitative analysis of stack gas and computations showing conformance with applicable emission standards when a trial burn is required for particulate matter, metals, or HCL/Cl2 under 266.105,					
266.106(c) or (d), or 266.107(b)(2) or (c)	270.66(f)(4)	305.572(5)	X		
quantitative analysis of scrubber water, ash residues, other resi- dues and products to estimate fate of trial POHCs, metals, and chlorine/chloride when a trial burn is required for DRE, metals or HCl/Cl2 under 266.104(a), 266.106(c) or (d), or					
266.107(b)(2) or (c)	270.66(f)(5)	305.572(5)	X		
ources of fugitive missions and their eans of control	270.66(f)(6)	305,572(5)	X		
ontinuous measure- ment of CO, oxygen, and HC in stack gas	270.66(f)(7)	305.572(5)	×		
such other information as Director specifies	270.66(f)(8)	305.572(5)	χ		-
to determine feasi- polity of compliance with 266.104-266.107 performance standards and adequate operat- ing conditions under 266.103, applicants of existing devices					

			STATE ANALOG IS:		
	FEDERAL	ANALOGOUS	ma	MORE	BROAD-
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE
operated under interim		•			
status must either					
prepare and submit a					
trial burn plan and					
perform a trial burn					
or submit 270.22(a)(6)					
information; submit					
trial burn results with					
Part B application if					
plan approved before					
Part B submission;					
date for submission;					
requirements if sub-					
mitting trial burn plan					
with Part B application	270.66(g)	305.573(a)	X		
	SUBPA	RT G - INTERIM STATUS			
CUANCEC BURLING THEFREN CTAT	LIC.				
CHANGES DURING INTERIM STAT	US				
regarding the addition					
of newly regulated					
units if a revised					
Part A permit appli-					
cation is submitted on					
or before the date the					
unit becomes subject					
to the new require-					
ments	270.72(a)(6)	305.51(a)(5)	X		
add new paragraph					
regarding the addition					
of newly regulated					
units under					
270.72(a)(6)	270.72(b)(7)	305.51(c)(7)	X	i	
TERMINATION OF INTERIM STAT	US				
insert "which has					
achieved interim status					
prior to November 8,					
1984, interim status					
terminates" before "on		335.2(c)	v		
November 8, 1989"	270.73(f)	& 305.42(b)	X		
insert "which has					
achieved interim status					
prior to November 8,					
1984, interim status		775 3/6)			
terminates" before "on	270 77/->	335.2(c)	X		
November 8, 1992"	270.73(g)	& 305.42(b)		on Checklis	96) 001
Note that the technical	corrections addressed by	the August 27, 1991 (56 FR	ic the come	e the luly	1000 CED
reverse the revisions made	de by this checklist. I	he August 27, 1991 language visions as they would need t	is the sound b	sack to the	riginal

Note that this paragraph is designated as "266.102(d)(4)(D)" in the <u>Federal Register</u> (56 <u>FR</u> 7210). This is a typographical error; the correct designation is "266.102(d)(4)(iv)." See technical correction at 56 <u>FR</u> 32688 (July 17, 1991; Revision Checklist 94).

RCRA REVISION CHECKLIST 85: Burning of Hazardous Waste in Boilers and Industrial Furnaces (cont'd)

		STATE ANALOG IS:			
	FEDERAL	ANALOGOUS		MORE	BROAD-
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	SCOPE

- Note that in the February 21, 1991 rule addressed by this checklist, the subparagraph designation was not italicized. This is a typographical error. This checklist corrects the error by italicizing the subparagraph designation. The August 27, 1991 (56 FR 42504; Revision Checklist 96) technical correction fixes this error.
- 4 Note that the August 27, 1991 Federal Register which addressed the technical correction for this citation has a typographical error; the reference to "266.102(e)(4)(iii)(c)(1) and (2)" should be "266.102(e)(4)(iii)(C)(1) and (2)."
- Note that in the <u>Federal Register</u> for this rule, the subparagraph designation was <u>not</u> italicized. This is a typographical error. This checklist corrects the error by italicizing the subparagraph designation. The 56 <u>FR</u> 32688 (July 17, 1991; Revision Checklist 94) technical correction fixes this error.
- 6 Note that the internal reference in the <u>Federal Register</u> (56 <u>FR</u> 7213) to "(c)(7)(ii)" is incorrect. The correct reference should be "(c)(5)" and is reflected in this checklist. See the technical correction at 56 <u>FR</u> 42512 (August 27, 1991; Revision Checklist 96).
- Note that the internal reference in the <u>Federal Register</u> (56 <u>FR</u> 7214) is to "paragraph (b)(ii)(A)." This is a typographical error; the correct reference is to "paragraph (b)(2)(ii)(A)." See the technical correction at 56 <u>FR</u> 32689 (July 17, 1991; Revision Checklist 94).
- Note that the <u>Federal Register</u> (56 <u>FR</u> 7215) for this rule has a typographical error. The words "and recorded" should be inserted after "monitored." See the technical correction at 56 <u>FR</u> 42512 (August 27, 1991; Revision Checklist 96).
- Note that the internal reference in the <u>Federal Register</u> (56 <u>FR</u> 7218) is to "paragraph (1)." This is a typographical error; the correct reference is to "paragraph (1)." See the technical correction at 56 <u>FR</u> 32689 (July 17, 1991; Revision Checklist 94).
- Note that the internal reference in the <u>Federal Register</u> (56 <u>FR</u> 7220) is to "paragraph (a)." This is a typographical error; the correct reference is to "paragraph (a)(1)." See the technical correction at 56 <u>FR</u> 32689 (July 17, 1991; Revision Checklist 94). Also, "tetrra-" should be "tetra-."
- In the <u>Federal Register</u> for this rule, the designation for this subparagraph is 266.104(g)2. This is a typographical error; the correct designation is 266.104(g)(2). This checklist reflects the correct designation. See the technical correction at 56 <u>FR</u> 32689 (July 17, 1991).
- In the <u>Federal Register</u> for this rule, the designation for these subparagraphs is 266.107(d)(i) and 266.107(d)(ii) (see 56 <u>FR</u> 7225). This is a typographical error. The subparagraphs should be designated 266.107(d)(1) and 266.107(d)(2). This checklist reflects the correct designations. See technical corrections at 56 <u>FR</u> 32690 (July 17, 1991).
- In the <u>Federal Register</u> for this rule, the section designation for regulation of residues is 266.122 (see 56 <u>FR</u> 7227). This is a typographical error and the section should be designated 266.112. This checklist reflects the correct section number.
- See the July 17, 1991 (56 \underline{FR} 32688; Revision Checklist 94) notice. Appendices IX and X are found on pp. 56 \underline{FR} 32692 and 56 \underline{FR} 32796, respectively.
- Note that this is the same section of code which contained the specific Part B information requirements for the Wood Preserving listing (55 FR 50450). Thus, the Part B boilers/industrial furnace requirements were added so that the Part B information requirements for drip pads were inadvertently removed by this present final rule. On July 1, 1991 (56 FR 30192, Revision Checklist 92) a technical correction was published moving the wood preserving requirements to 270.26.

RCRA REVISION CHECKLIST 85: Burning of Hazardous Waste in Boilers and Industrial Furnaces (cont'd)

			STATE	ANALOG IS:	
	FEDERAL	ANALOGOUS		MORE	BROAD -
FEDERAL	RCRA	STATE	EQUIV-	STRIN-	ER IN
REQUIREMENT	CITATION	CITATION	ALENT	GENT	
			AFERI	OCH!	SCOPE

The paragraph following 270.42(g)(1)(v) in Federal code, i.e., 270.42(g)(2), is included in the Federal Register for this rule (56 FR 7237). However, no changes were made to the paragraph by this rule, so it has not been included in this revision checklist.

Note that the <u>Federal Register</u> (56 <u>FR</u> 7239) for this rule has a typographical error. The word "as" after "which" should be "has." This checklist corrects that error. See technical correction at 56 <u>FR</u> 32692 (July 17, 1991).

RCRA Revision Checklist 85

Cluster RCRA I

		STAT		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE
260.11 (a)	335.2(j)	X		
261.2(d)(2)	335.1(G)(iv)	Χ		
261.2(d)(3)	335.1(G)(iv)	X		
261.4(b)(4)	335.1 *	<u> </u>		
261.4(b)(7)	335.1 *	X		
261.4(b)(8)	335.1 *	X		
264.112(d)(1)	335.152(5)	Χ		
264.340(a)	335.152(13)	X		

Comments:

The Texas Solid Waste Disposal Act. TEX. HEALTH & SAFETY CODE ANN. Chapter 361 (Vernon Phamphlet 1992), §361.003(15) and 31 Texas Administrative Code Section 335.1 define "hazardous waste" as solid waste identified or listed as a hazardous waste by the administrator of the United States Environmental Protection Agency (EPA) pursuant to the federal Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, 42 United States Code 6901 et seq., as amended. Thus, not only is the federal definition of hazardous waste adopted by reference, but also any set of exclusions promulgated by the EPA, such as that found under 40 CFR 261.4(b). Furthermore, any other EPA actions which affect the meaning or applicability of "any solid waste identified or listed as a hazardous waste" by the EPA, such as administrative stays, are automatically adopted by reference.

RCRA Revision Checklist <u>85</u>

Cluster RCRA I

		TATE		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE
265.112(a)	335.112(6)	Х		
265.112(d)(1)	335.112(6)	X		
265.112(d)(2)	335.112(6)	Х		
265.113(a)	335.112(6)	Х		
265.113(b)	335.112(6)	X		
265.340(a)	335.112(14)	X		
266.100(a)	335.221(a)(1)	X		
266.100(c)	335.221(a)(1)	Х		

RCRA Revision Checklist 85

Cluster RCRA I

	\$ 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1	STAT		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE
266.100(d)	335.221(a)(1)	X		
266.100(e)	335.221(a)(1)	X		
266.102(a)(1)	335.221(a)(2)	X		
266.102(a)(2)(i)-(iii)) 335.221(a)(2)	Х		
266.102(a)(2)(vii)	335.221(a)(2)	Х		
266.102(a)(2)(ix)	335.221(a)(2)	X		
266.102(b)	335.221(a)(3)	X		
266.102(c)	335.221(a)(4)	X		

RCRA Revision Checklist 85

Cluster RCRA I

		STATI	STATE ANALOG IS:		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE	
266.102(d)	335.221(a)(5)	X			
266.102(e)	335.221(a)(6)	X			
266.103(a)(1)(i)-(ii)	335.221(a)(7)	X			
266.103(a)(3)	335.221(a)(7)	X			
266.103(a)(4)	335.221(a)(8)	X			
266.103(a)(4)(i)-(iii)	335.221(a)(8)	X		·	
266.103(a)(4)(vi)	335.221(a)(8)	X			
266.103(a)(4)(viii)	335.221(a)(8)	X			
					

RCRA Revision Checklist <u>85</u>

Cluster RCRA I

		TATE	STATE ANALOG IS:		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE	
266.103(a)(5)-(6)	335.221(a)(9)	X			
266.103(b)(2)-(5)	335.221(a)(10)	X			
266.103(b)(7)-(9)	335.221(a)(10(X			
266.103(c)(1)(-(2)	335.221(a)(11)	X			
266.103(c)(3)(ii)-(iii) 335.221(a)(11)	Х		-	
266,103(c)(4)-(8)	335.221(a)(11)	X			
266.103(f)	335.221(a)(12)	Χ			
266.103(g)	335.221(a)(13)				

RCRA Revision Checklist 85

Cluster RCRA I

0		STAT	STATE ANALOG IS:		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EOUIVALENT	MORE STRINGENT	BROADER IN SCOPE	
266.103(h)-(l)	335.221(a)(14)	X			
266.104(a)-(h)	335.221(a)(15)	Χ			
266.105(a)-(b)	335.221(a)(16)	X			
266.106(a)-(h)	335.221(a)(17)	X			
266.107(a)-(g)	335.221(a)(18)	X			
266.108(a)-(c)	335.221(a)(19)	X			
266.108(e)	335.221(a)(19)	X			
266.109	335.221(a)(20)	X			

RCRA Revision Checklist 85

Cluster RCRA I

		STATE		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE
266.110	335.221(a)(21)	X		
266.111	335.221(a)(22)	Х		
266.112	335.221(a)(23)	Х		
Appendices I-X	335.221(a)	Х	~	
270.22	305.50(4)(A) & (E) . X		

RCRA REVISION CHECKLIST 86

Removal of Strontium Sulfide from the List of Hazardous Wastes; Technical Amendment 56 <u>FR</u> 7567-7568 February 25, 1991 (RCRA Cluster I, Non-HSWA Rule)

Note: 1) Because of an error in the amendatory language in the rule (53 FR 43881, October 31, 1988, Revision Checklist 57) removing strontium sulfide from the list of hazardous wastes, this chemical was not removed from §261.33 or Part 261, Appendix VIII. This technical amendment corrects that error by removing strontium sulfide from the two lists. States which have not adopted the changes addressed by Revision Checklist 57, but intend to remove strontium sulfide from their lists of hazardous waste, are strongly encouraged to adopt these technical amendments at the same time the Revision Checklist 57 provisions are adopted. States already adopting the Revision Checklist 57 changes are encouraged to adopt the Revision Checklist 86 amendments as soon as possible.

2) This is a conditionally optional checklist. States choosing to not remove strontium sulfide from their hazardous waste lists should not adopt the changes addressed by this present checklist. However, those States which choose to remove this hazardous waste must adopt the changes addressed by Revision Checklist 86 to assure that strontium sulfide has been properly removed from the State's hazardous waste lists and appendices.

Ţ	FEDERAL RCRA CITATION PART 261 - IDE	ANALOC STATE CITATI NTIFICATION AND LISTI	ON	EQUIV- ALENT DOUS WASTE	MORE STRIN- GENT	BROAD- ER IN SCOPE
Ţ	CITATION	CITATI		ALENT		
					GENT	SCOPE
	PART 261 - IDE	NTIFICATION AND LISTI	NG OF HAZARI	DOUS WASTE		
	SUBPA	ART D - LISTS OF HAZA	RDOUS WASTES	1		
COMMERCIAL CHEMICAL	PRODUCTS, OFF-S	SPECIFICATION SPECIES	, CONTAINER	RESIDUES, AND	SPILL RESIDUES	THEREOF
	261.33(e)	31 TAC	£335.1	Y		
, z, z, one tall	_	APPENDIX VIII TO PAI	RT 261			
						······································
						······································
elow	Appendix VIII	31 TAC	§335.29	у		
	elow ing waste has been re 14-96-1Strontium: CONSTITUENTS ting elow	elow 261.33(e) ing waste has been removed from the 14-96-1Strontium sulfide Srs" ———————————————————————————————————	elow 261.33(e) 31 TAC ing waste has been removed from the 261.33(e) list: 14-96-1Strontium sulfide SrS" APPENDIX VIII TO PAR CONSTITUENTS ting	elow 261.33(e) 31 TAC §335.1 ing waste has been removed from the 261.33(e) list: 14-96-1Strontium sulfide SrS" APPENDIX VIII TO PART 261 CONSTITUENTS ting elow Appendix VIII 31 TAC §335.29	elow 261.33(e) 31 TAC §335.1 X ing waste has been removed from the 261.33(e) list: 14-96-1Strontium sulfide Srs" APPENDIX VIII TO PART 261 CONSTITUENTS ting elow Appendix VIII 31 TAC §335.29 y	elow 261.33(e) 31 TAC §335.1 x ing waste has been removed from the 261.33(e) list: 14-96-1Strontium sulfide SrS" — APPENDIX VIII TO PART 261 CONSTITUENTS ting elow Appendix VIII 31 TAC §335.29 y

RCRA Revision Checklist 86

Cluster RCRA I

		STAT		
FEDERAL RCRA CITATION	STATE CITATION INCORPORATING BY REFERENCE	EQUIVALENT	MORE STRINGENT	BROADER IN SCOPE
261.33(e)	31 TAC §335.1	Χ		
Part 261 Appendix VIII	31 TAC §335.29	X		

RCRA REVISION CHECKLIST 87

Organic Air Emission Standards for Process Vents and Equipment Leaks; Technical Amendment 56 <u>FR</u> 19290 April 26, 1991 (RCRA Cluster I, HSWA Rule)

Note: The technical amendment addressed by this checklist corrects errors made in the Organic Air Emissions Final rule at 55 FR 25454 (June 21, 1990; Revision Checklist 79). States are strongly encouraged to adopt the corrections addressed by Revision Checklist 87 at the same time the Revision Checklist 79 provisions are adopted. States which have already adopted the Checklist 79 provisions are encouraged to adopt the corrections addressed by Revision Checklist 87 as soon as possible.

			STATE ANALOG IS:		
FEDERAL	FEDERAL RCRA	ANALOGOUS STATE	FOLLTY	MORE	BROAD -
REQUIREMENT	CITATION	CITATION	EQUIV- ALENT	STRIN- GENT	ER IN SCOPE
	PART 264 - STANDARD	S FOR OWNERS AND OPERATORS			
		, STORAGE, AND DISPOSAL F			
	SUBPART AA - AIR EMISS	SION STANDARDS FOR PROCESS	VENTS		
APPLICABILITY				***	
change "2641" to					
"264.1"	264.1030(a)	§335.152(a)(16)	X		
change					
"§§264.1034(d) and 264.1035(e)" to					
"§264.1034 (d)					
and (e)"	264.1030(h)	§335.152(a)(16)	У		
	20711030(0)	3222:122(0)(10)	^		-
STANDARDS: CLOSED-VENT SYS	TEMS AND CONTROL DEVICES				
change "paragraphs					
(1) and (2) of this					
section" to					
"paragraphs (f)(1)					
and (2) of this section"	24/ 1033/41/31	\$775 152/03/1/3	v		
section	204:1033(1)(3)	§335.152(a)(16)	X		
RECORDKEEPING REQUIREMENTS					
change "Records					
including the dates of"					
to "Records, including					
the dates, of"	264.1035(b)(4)(ii)	§335.152(a)(16)	X		
	SUBPART BB - AIR EMISSI	ON STANDARDS FOR EQUIPMEN	T LEAKS		
CTANDADOC - DINOC IN LIGHT I	TOUR OF DIVINE				
STANDARDS: PUMPS IN LIGHT L change "a instrument	TAGIN SEKATCE		***************************************	***************************************	
reading" to "an					
instrument reading"	264.1052(b)(1)	§335.152(a)(17)	X		
	PART 265 - INTERIM STATUS OF HAZARDOUS WASTE TREATMEN				
	SUBPART B - GEN	ERAL FACILITY STANDARDS			
CENEDAL HACTE ANALYCIC					
GENERAL WASTE ANALYSIS change "265.193"					
10 "265.200"	265.13(b)(6)	§335.112(a)(1)	X		

			STATE	STATE ANALOG IS:		
EEDEDAI	FEDERAL RCRA CITATION	ANALOGOUS STATE		MORE BROAD		
FEDERAL REQUIREMENT			EQUIV-	STRIN-	ER IN	
REGOTACITEM	CITATION	CITATION	ALENT	GENT	SCOPE	
OPERATING RECORD						
change "265.193" to "265.200"	265.73(b)(3)	§335.112(a)(4)	Х			
	SUBPART AA - AIR EMISS	ION STANDARDS FOR PROCESS	VENTS			
APPLICABILITY			·····			
change "§§265.1034(d) and 265.1035(d)" to						
"§265.1034(d) and (e)"	265.1030(b)	§335.112(a)(18)	X			
TEST METHODS AND PROCEDURES						
change "E _h , as determined in						
paragraph (c)(1)(v) of the section" to "E _h ,						
as determined in paragraph (c)(1)(iv)						
of this section"	265.1034(c)(1)(vi)	§335.112(a)(18)	X			
RECORDKEEPING REQUIREMENTS						
change "Records including the dates of"						
to "Records, including the dates, of"	265 1075/52/22/31	5775 1177-1/101	v			
change "Paragraph	265.1035(b)(4)(ii)	§335.112(a)(18)	X			
(3)" to "paragraph						
(c)(4) of this section"	265.1035(c)(5)	§335.112(a)(18)	X			
	SUBPART BB - AIR EMISSI	ON STANDARDS FOR EQUIPMEN	T LEAKS			
STANDARDS: PUMPS IN LIGHT LIG	UID SERVICE					
revise "paragraph						
(a)(2)" to read "paragraph (e)(2)"	265 1052(2)/2)	\$775 4407-57405	V			
paragraph (e)(z)	دن. الاعدرو)(ع)	§335.112(a)(19)	X			
RECORDKEEPING REQUIREMENTS						
change "265.1953" to "265.1053"	265.1064(c)	§335.112(a)(19)	X			
		IINISTERED PERMIT PROGRAMS WASTE PERMIT PROGRAM	:			
	THE HAZARDOUS		:			

SPECIFIC PART B INFORMATION REQUIREMENTS FOR PROCESS VENTS

change "records including the dates of each compliance test required by §264.103(k)." to "Records, including the dates, of each compliance test 8/20/91

RCRA REVISION CHECKLIST 87: Organic Air Emission Standards for Process Vents and Equipment Leaks; Technical Amendment (cont'd)

DRAFT

FEDERAL REQUIREMENT	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:		
			EQUIV- ALENT	MORE STRIN- GENT	BROAD- ER IN SCOPE
required by					
§264.1033(k)."	270.24(d)(2)	§305.50(4)(A)			***************************************
SPECIFIC PART B INFORMAT	ION REQUIREMENTS FOR EQUIPMENT				
change "Records including the dates					
of" to "Records, including the dates,					
of"	270.25(e)(2)	§305.50(4)(A)	¥		