TITLE V PERMIT APPLICATION

NORLITE CORPORATION COHOES, NEW YORK

ERM-NORTHEAST PROJECT NO. 1043.003

Prepared for:

NORLITE CORPORATION 628 South Saratoga Street Cohoes, New York 12047

Prepared by:

ERM-NORTHEAST, INC. 421 New Karner Road Albany, New York 12205



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APPLICATION ID 0-1-03-0-00296700001

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	itle V Certification		
I certify under penalty of law that this document and all attachments qualified personnel property gather and evaluate the information sul information [required pursuant to 6 NYCRR 201-6.3(d)] I believe the submitting false information, including the possibility of fines and improved the control of the co	omitted. Based on my inquiry of the person information is true, accurate and complet	on or persons directly re	esponsible for gathering the
Responsible Official Tim Lachell	Titl	le Plant Manage	er
Signature Timothy F. Loche	le Da	te /2/9/97	<u> </u>
∂ State	e Facility Certification		
I certify that this facility will be operated in confort	mance with all provisions of ex	isting regulations	s
Responsible Official	Tit	le	
Signature	Da	ate	
Section II	- Identification Informa	tion	
F	Project Description		Continuation Sheet(s)
Initial Title V Operating Permit.			
			
Title V Facility Permit ☐New ☐ Significant Modification ☐Admi	nistrative Amendment	State Facility P ☐ New	Modification
Renewal Minor Modification General I	Permit Title:	General Permit	Title:
Application involves construction of new facility	Application involv	es construction of	new emisson unt(s)
	Owner/Firm		
Name United Oil Recovery, Inc.			
Street Address 136 Gracey Avenue			
City/Town/Village Meriden	State or Province CT Co	ountry USA	Zip/Mail Code 06451-
Owner ClassificationFederal		lunicipal	Taxpayer ID 0 4 2 5 3 8 4 9 6
-Corporation/Partnership	-Individual		
	Facility		Confidential
Name Norlite Corporation			
Location Address 628 South Saratoga Street	<u> </u>		
City / ☐Town/ ☐Village Cohoes			Zip 12047
		1	
Owner/Fi	rm Contact Mailing Add	iress	
Owner/Fi Name (Last, First, Middle Initial) Lachell, Tim	rm Contact Mailing Add		(518) 235-0401
	rm Contact Mailing Add		(518) 235-0401 (518) 235-0233
Name (Last, First, Middle Initial) Lachell, Tim		Phone No.	· · · ·

	Facility Contact Mailing Address	
Name (Last, First, Middle Initial)	Milos, Stanley C.	P

Phone No. (518) 235-0401 Title Environmental Mgr. Fax No. (518) 235-0233 Affiliation

Street Address Post Office Box 694

State or Province NY Country USA Zip/Mail Code 12047-City/Town/Village Cohoes

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		Classification		
Hospital [Residential Edu	ducational/Institutional	Commercial	☐ Industrial ☐ Utility
		Affected States	s	
∨ermont New Hampshire		☐ Rhode Island ☐ New Jersey	Pennsylvania Ohio	☐ Tribal Land
3241		SIC Codes		
Facility produces e	expanded lightweight agg	Facility Descripti	ion	Continuation Sheet(s)
		Compliance Statem	nents	
		operating in compliance with all (3) of the clean air act amende	Il applicable requirements	
This Facility will permit.	I continue to be operated ar	and maintained in such a mann	ier as to assure complia	nce for the duration of the
	n units, subject to any applic et all such requirements on	icable requirements that will be a timely basis.	acome effective during the	he term of the permit, this

			Facility A	Applicab	le Federal F	Requireme	ents	Continu	uation Sheet(s)
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
40	CFR	52	Α	21					
40	CFR	60	Α	1					
40	CFR	60	Α	11					
40	CFR	60	Α	12					
40	CFR	60	Α	13					

Compliance certification reports will be submitted at least once a year. Each report will certify compliance status with

Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	215							
6	NYCRR	221							

respect to each requirement, and the method used to determine the status.



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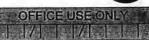
Section III - Facility Information

		Facili	ty Applica	ble Fede	ral Require	ments (co	ontinuation)		
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
40	CFR	60	Α	7					
40	CFR	60	Α	14	1				
40	CFR	60	Α	15					
40	CFR	60	Α	8					
40	CFR	63	Α	11					
40	CFR	63	Α	10					
40	CFR	63	Α	5					
40	CFR	63	A	4					
40	CFR	63	A	1					
40	CFR	63	Α	8					
40	CFR	63	A	9					
40	CFR	63	Α	7					
40	CFR	64							
40	CFR	68							
40	CFR	70							
40	CFR	82	F						
6	NYCRR	200							
6	NYCRR	201	1						
6	NYCRR	201	3						
6	NYCRR	201	6						
6	NYCRR	202	1						
6	NYCRR	202	2						
6	NYCRR	211		2					
6	NYCRR	212		10	е				
6	NYCRR	212		10	а	2			
6	NYCRR	212		10	b				
6	NYCRR	212		11	а				
6	NYCRR	212		10	f				
6	NYCRR	225	1	2	d				
6	NYCRR	225	1	2	а	2			1
6	NYCRR	225	2	7					
6	NYCRR	225	2	6					
6	NYCRR	231	2						



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Section III - Facility Information (continued)

			Fac	ility Comp	oliance Cer	tification		Continua	ation Sheet(s)
			***	Rul	le Citation				
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	211		3					
☑ App	olicable Fed	leral Requirem	nent	Capping	CAS	No.		aminant Nam	ne
☐ Sta	ite Only Red	quirement			NY075	1-00-0	P	articulates	
				Monitori	ing Informa	ition			
Ambie	ent Air Monito	ring	Work Prac	tice Involving Sp	ecific Operations	Re	ecord Keeping / Mainte	enance Proce	dures
				De	escription				
Work Pra	ctice		Proc	cess Material			Reference	nce Test Met	hod
Туре	Coc			Dosamption					
			Paramete	er .			Manufacture	r Name / Mo	odel No.
	Code			Description					
		Limit				Lit	imit Units		
	Upper		Lower	Cod	de		Description		
	Averagi	ng Method		Monito	toring Frequency	, 1	Reportin	ng Requirem	ents
Code		Description	Co	ode	Description		Code	Description	'n

	Facility Emissions Su	mmary	Continuation Sheet(s)				
			PTE	Actual			
CAS No.	Contaminant Name	(lbs/yr)	Range Code	(lbs/yr)			
NY075-00-5	PM-10		Н				
NY075-00-0	PARTICULATES		Н				
07446-09-5	SULFUR DIOXIDE		Н				
NY210-00-0	OXIDES OF NITROGEN		Н				
00630-08-0	CARBON MONOXIDE		Н				
07439-92-1	LEAD		Α				
NY998-00-0	Voc		F				
NY100-00-0	HAP		F				
-							
	SEE						
-							
-	CONTINUATION SHEET(S)*						
-							
-	*(if continuation checked above)						



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Section III - Facility Information

	Facility Emissions Summ	ary (continuation)	
	-		Actual	
CAS No.	Contaminant Name	(lbs/yr)	Range Code	(lbs/yı
07440-36-0	Antimony		Υ	
07440-38-2	Arsenic		Y	
07440-41-7	Beryllium		Y	
07440-43-9	Cadmium		Y	
07782-50-5	Chlorine		Y	
07738-94-5	Chromic (VI) Acid		Y	
07440-47-3	Chromium		Y	
07647-01-0	Hydrogen chloride		Z	
07439-97-6	Mercury		Y	
00067-56-1	Methanol		Z	
00078-93-3	Methyl ethyl ketone		Y	
00075-09-2	Methylene chloride		Y	
07440-02-0	Nickel		Y	
07782-49-2	Selenium		Y	
00108-88-3	Toluene		Y	
00095-47-6	Xylene, o-		Y	

Table 1: Emission Unic Structure

Emission Unit- Description	Process- Description	Emission Source- Description		Emission Point ID
	FPC- Finishing Plant Rock Crusher	ELICH- Lightweight Aggregate Crusher	WTSEC	Fugitive Emission Points 00009, 00011, 00012, and
CRUSHS-Shale and Lightweight Aggregate Coushers	212- Primary Plant Rock Crusher Applicable to 6 NYCRR Part 212	SECCH- Primary Shale Crusher	WTSTC	a future emission point
	FSC- Future Shade Crusher	FSCRH-Future Shale Crusher	WSFSC	1
	OOO- Primary Rock Crusher Applicable to 40 CFR 60 Subpart	PRTIC- Portable Shale Crusher	PRMDC, WTSPR, WTSTC	1
	KCC- Kiln #1 and #2 Clinker Coolers	CLKN1-Kiln#1 Clinker Cooler	CCICT, CLKNI	Non-Fugitive Emission Points
ILNSG- Two Rotary Kilns		CLKN2- Kiln #2 Clinker Cooler	CC2CT, CLKN2	60001,00002,0003A,0003B,
	KHF- Kilns #1 and #2 Scrubber Exhaust (combusting hazardous fuel and non-hazardous fuel)	SKLN 1- Kiln #1 Scrubber Exhaust	KICTI, KICT2, KICT3, KICT4, KICT5	
		SKLN2- Kiln #2 Scrubber Exhaust		
	KNF- Kilns #1 and #2 Scrubber Exhaust (combusting non- hazardous fuci)	SKLN1-Kiln #1 Scrubber Exhaust	K2CT1, K2CT2, K2CT3, K2CT4, K2CT5	
		SKLN2- Kiln #2 Scrubber Exhaust		
IISCES- Transportation, Loading and Unloading, Kiln Feed and	KFR-Kilns #1 and #2 Feed and Rim Scals (Front and Rear)	KN1RS- Kiln #1 Rim Seal	K1FCT, K2FCT, K1RSC, K2RSC	Fugitive Emission Points 00007, 00008, 00021, 00024,
im Seals, Screen and Hopper Operations, and Quarry Operations		KN2RS- Kiln #2 Rim Seal	7	00025, 00030, 00037, 00038,
		KNIFE- Kiln #1 Feed	7	00041-00044, 00057-00059,
		KN2FE- Kiln #2 Food	7	and a future emission point
	PSH- Primary Plant Screen, Hopper, Conveyors, Belts, and Stacker Conveyor	FEDHP- Primary Crusher Food Hopper	WTSFH, WTSPS, WTSTC, WTFSC	Non-Fugitive Emission Points: 00018, 00046-00050
	Democratical Control of	PRMSH- Primary Screen Hopper	7	
		PRMSR- Primary Screen	7	
		TPDSK- Triple Deck Screen (Kiln Feed Operation)	7	
		TRPDS- Triple Deck Screen (Crusher Operation)	7	
		FCONV- Conveyor (Future Conveyor for Future Shale Crusher FSCRH)	7	
		PELET- Pelletizer (Future Pelletizer)	7	
		FSCRN- Screen (Future Screen for Future Shale Crusher FSCRH)	7	
	TLD- Loading and Unloading Operations	LDPRT- Loading and Unloading of Product	WTSRT	1
		TRANS- Vehicular Transportation (Excluding Quarry Transportation)		
	FSH- Finishing Plant Screen, Hopper, Conveyors, Belts, and Stacker Operations	FINCV- Fines #2 Conveyor	FPICC, FPIDC,]
		FINHP- Fines Hopper	OSHPI, WTSKC	
		FINSB- Fines Belt	7	
		FINST- Fines Stacker	7	
		OSHOP- Fines Oversize Hopper		
		TPDFM- Triple Deck Screen (Finishing Plant)	7 _	
	QRY- Quarry Operations	QUAYB- Quarry Blasting	WTSQY	1
		QUAYD- Quarry Drilling		
		QUAYP- Quarry Loading	_	
	ULF- Unloading of Fuel	ULFFT- Unloading of Hazardous Fuel into Storage Tanks		Non-Fugitive Emission Point:
TANKS Garaders Wests First Stemps Turks	HWT- Below Ground Hazardous Waste Fuel Storage Tanks	HWOT1-HWOT4	NBWT1-NBWT4, CARB2	00019
TANKS-Hazardous Waste Fuel Storage Tanks	HFT- Above Ground Hazardous Waste Fuel Storage Tanks	T100A-C & T200A-C	NBWT5-NBWT9, NBW10, CARB2	<u> </u>
TPOPS- Storage Pile Operations	PPS- Primary Plant Storage Pile Operations	KNICP- Kiln #1Clinker Pile Operations	WTSKC	Fugitive Emission Points
		KN2CP- Kiln #2Clinker Pile Operations	_	00022, 00023, 00028, 00029 00032-00036
	FPS- Finish Plant Storage Pile Operations	KNFSP- Kiln Feed Storage Pile Operations BKMSP- Block Mix Storage Pile Operations	DPCHT, DRCHT,	3332-00030
		FINSP- Fines Storage Pile Operations	_	
		FLTSP- Fines Long-Term Storage Pile Operations FSTSP- Fines Short-Term Storage Pile Operations	WTSFL, WTSFS,	
		TEHSP- 3/8" Storage Pile Operations	WTSPY, WTSTD	
		TQTSP- 3/4" Storage Pile Operations		

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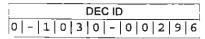
Section IV - Emission Unit Information

	Emission U	nit Description		Continuation Sheet(s)
MISION UNIT C R U	SHS			
Shale and lightweight ag	ggregate crushers.			
	Bu	ilding		Continuation Sheet(s
Building	Building Name	ilding Length (ft)	Width (ft)	Continuation Sheet(s
Building B-2			Width (ft)	
	Building Name		Width (ft)	

		Emission Poir	nt		Continuation Sheet(s)
0 0 0 0 9					
Height	Height Above	Exit Temperature	Cross Section		
(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
0 0 0 1 1 Height	Height Above	Inside Diameter	Exit Temperature	Cross	Section
(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
	Height (ft) Exit Flow (ACFM) 0 0 0 1 1 Height (ft)	O O O 9 Height Above (ft) Height Above Structure (ft)	D O O O 9	Height (ft)	Height (ft) Height Above Structure (ft) Inside Diameter (in) Exit Temperature (OF) Length (in) Exit Flow (ACFM) NYTM (E) (KM) Structure (ft) (KM) Building Distance to Property Line (ft) Height (ft) Height Above Structure (ft) Inside Diameter (OF) Length (in) Exit Flow NYTM (E) NYTM (N) Building Distance to Length (in) Exit Flow NYTM (E) NYTM (N) Building Distance to

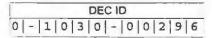
				Emissi	on Sourc	e / Control		Continuation Sheet(s	
Emission So	ource	Date of	Date of	Date of	Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufacturer's Name / Model N		
PRMDC	K					Drop Chute		Drop Chute	
Design		Design Capacity Units		,	Waste Feed			Waste Type	
Capacity	Code	Description			Code	Description	Code	Description	
Emission So	ource	Date of	Date of	Date of	Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	irer's Name / Model No	
WSFSC	K				61		Futi	ure Water Spray	
Design		Design Cap	pacity Units	5		Waste Feed		Waste Type	
Capacity	Code				Code	Description	Code	Description	

EG





		Emissio	n Point (cont	inuation)			
EMISSION UNIT	C R U S H S				EMISSION POIN	IT 0 0 0 1 1	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S	ection	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
204							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	C R U S H S			·	EMISSION POIN	IT 0 0 0 0 6 1	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S	Section	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	



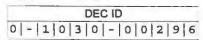


MISION UNIT	-		Emiss	ion Sou	rce/Co	ntrol (continuation	1)	
Emission So	urco	Date of	Date of	Date of		Control Tuno	-	
ID	Type	Construction			Code	Control Type Description	Manufact	urer's Name / Model N
WTSEC	K		- J		61	Description	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Water Spray
	1.	D : 0			• • • • • • • • • • • • • • • • • • • •			
Design Capacity		Design Cap				Waste Feed		Waste Type
Capacity	Code	Di	escription		Code	Description	Code Description	
Emission So	urce	Date of	Date of	Date of	Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model N
WTSPR	K				61			Water Spray
Design		Design Cap	acity Units			Waste Feed	-	Waste Type
Capacity	Code		escription		Code	Description	Code Description	
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction			Code	Description	Manufacturer's Name / Model	
WTSTC	K				61	Бооспраст	-	Water Spray
Design	1	Design Cap	acity I Inite			Waste Feed	-+-	Waste Type
Capacity	Code		escription		Code	Description	Code	Description
The state of	Code		escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model N
ELJCH	1	6/75					Sai	ndcone/RSC 5449
Design	1	Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
72	9							
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model N
FSCRH	1						Fut	ure Shale Crusher
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
					2240	- Company		Dosonprion
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model N
PRTJC	1	4/94					Ce	edar Rapids/3432
Design		Design Cap	pacity Units	3		Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
250	9							
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model N
SECCH	1	7/81						Traylor
Design		Design Car	pacity Units	3		Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
100	9							



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ISSION UNIT	Claimle	ше	Process In	formation		\boxtimes	Continuation Shee
133ION UNI	T C R U S	ніг	Docori	intion			PROCESS F I
inishing DI	ant Rock Crus	sher	Descri	ption			
			desired size wi	th this proces	s which is locate	ed at the	Finishing Plant
ignitiveignit	aggregate is	brashed to the	desired size wi	ur uns proces	5 WINCII IS IOCAL	o at the	i illishing r latti
-					-		
		_				_	
Source Cla	assification	Total T	hruput		Thruput Qua	ntity Units	
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description	on
			0	Cabadul-			
Confident	tial g at Maximum Cap	nanity.	Operating Hrs/Day	Days/Yr	Building	Floor/Location	
	ith Insignificant E		24	365	B-2		
1	.		on Source/Control	Identifier(s) (con	tinued)		
WTSEC	ELJCH	1			1		
	LLOOIT						
ICCION LINE	- 1 - 1 - 1 - 1 - 1	710					
ISSION UNI	T CRUS	ніг					PROCESS 2
Inimana Dia	at Back Care	han Annliachtai	Descr				
		her Applicable t			d at the Primary	Diant	
ilaie is Cit	islied to the de	ssiled size with	uns process w	mich is locate	d at the Filliary	Plant.	
Source Cli	assification	Total 1	'hrunut		Thrunut Qua	ntity I Inite	
	assification (SCC)	Total 1	hruput Quantity/Yr	Code	Thruput Qua	ntity Units	on
				Code	Thruput Qua		on
Code	(SCC)					Descripti	
Code Confident Operating	(SCC) tial g at Maximum Ca	Quantity/Hr	Quantity/Yr Operating Hrs/Day	Schedule Days/Yr	Building	Descripti	on loor/Location
Code Confident Operating	(SCC)	Quantity/Hr pacity Emissions	Quantity/Yr Operating Hrs/Day 24	Schedule Days/Yr 365	Building B-1	Descripti	
Code Confident Operating	(SCC) tial g at Maximum Ca	Quantity/Hr pacity Emissions	Quantity/Yr Operating Hrs/Day	Schedule Days/Yr 365	Building B-1	Descripti	
Code Confident Operating	(SCC) tial g at Maximum Ca	Quantity/Hr pacity Emissions	Quantity/Yr Operating Hrs/Day 24	Schedule Days/Yr 365	Building B-1	Descripti	





	T C R U S		ess Informati	on (continu	auoii)	PROCESS 0
			Descr	iption		
		her Applicable t	0 40 CFR 60 S	Subpart 000.		
Shale is cr	ushed to the d	esired size with	this process w	hich is locate	d at the Primary	Plant. The operations
of the Ceda	ar Rapids porta	able crusher (P	RTJC) will be r	estricted to 6	AM - 9 PM Mond	lay through Saturday.
-						
	assification	Total T	Thruput		Thruput Quan	tity Units
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description
Confider			Operating		Duilding	Floor/Location
	g at Maximum Ca		Hrs/Day	Days/Yr	Building	Floor/Location
Activity v	vith Insignificant E		24	365	B-1	
		Emissi	on Source/Control	Identifier(s) (con	tinued)	
PRMDC	WTSPR	WTSTC	PRTJC			
AISSION UN	T CRUS	HIS				PROCESS F
			Descr	iption		
Future Sha	le Crusher.					
		esired size with	this process v	which will be lo	cated at the Qua	arry.
		esired size with	this process v	vhich will be lo	cated at the Qua	arry.
		esired size with	this process v	vhich will be lo	cated at the Qua	аггу.
		esired size with	this process v	vhich will be lo	ocated at the Qua	arry.
		esired size with	this process v	vhich will be lo	cated at the Qua	arry.
		esired size with	this process v	vhich will be lo	ocated at the Qua	arry.
		esired size with	this process v	which will be lo	ocated at the Qua	arry.
Shale is cr	ushed to the d			vhich will be lo		
Shale is cr		Total 1	- Thruput		Thruput Quar	ntity Units
Shale is cr	ushed to the d			vhich will be lo		
Shale is cr	assification (SCC)	Total 1	hruput Quantity/Yr	Code		ntity Units
Source C Code	lassification (SCC)	Total 1 Quantity/Hr	- Thruput	Code		ntity Units
Source C Code Confider Operatin	assification (SCC)	Total 1 Quantity/Hr	hruput Quantity/Yr Operating	Code	Thruput Quar	ntity Units Description
Source C Code Confider Operatin	lassification (SCC)	Total 1 Quantity/Hr apacity Emissions	hruput Quantity/Yr Operating Hrs/Day	Code Schedule Days/Yr 365	Thruput Quar Building B-5	ntity Units Description
Source C Code Confider Operatin	lassification (SCC)	Total 1 Quantity/Hr apacity Emissions	Thruput Quantity/Yr Operating Hrs/Day 24	Code Schedule Days/Yr 365	Thruput Quar Building B-5	ntity Units Description



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	Emission		Emission		Emission U	Init App	licable Fed	leral Red	uirements		⊠ Co	ntinuation	Sheet(s)
Emission Unit	Point	Point Process	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
CRUSHS		212		6	NYCRR	212		6	а				
CRUSHS		FPC		6	NYCRR	212		6	а				
CRUSHS		FSC		40	CFR	60	000	672	С				
CRUSHS		FSC		40	CFR	60	000	675	С				
CRUSHS		FSC		6	NYCRR	212		6	а	11			
CRUSHS		000		40	CFR	60	000	672	С				

	Emission		Emission		En	nission (Unit State	Only Red	quirements		Co	ntinuation	Sheet(s)
Emission Unit	Point	Process	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause

			Emissio	n Unit Co	mpliance (Certification	on [Continuation	on Sheet(s)
				Rule	e Citation				
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
Appli	cable Federal Req	uirement	State 0	Only Requireme	ent	Capping			
Emission U	nit Emission Point	Process	Emission Source	CA	S No.		Contaminar	it Name	
		+		Monitoria	ng Informat	ion			
Intermit	ous Emission Mor tent Emission Test t Air Monitoring			Work Pra	g of Process or Co ctice Involving Spe eeping / Maintenar	cific Operations			
				De	scription				
Work Prac	tice		Proces	s Material			Referen	ce Test Meti	nod
Type	Code			Description					
C	ode		Parameter	Description		Manufacture	er Name / Mo	odel No.	
	Li	mit				Li	mit Units		
	Upper		Lower	Coc	de	Description			
	Averaging Me	ethod	-	Monito	ring Frequency		Reportir	g Requireme	ents
Code		ription	Code		Description		Code	Description	
									1 - 1







Emission Unit	Emission Point		Emission Source		Emission U	Init Appl	licable Fed	leral Req	uirements (co	ntinuat	ion)	<u></u>		
Linission onk		FIUCESS	Source .	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub	Clause
CRUSHS		000		40	CFR	60	000	675	С				İ	
CRUSHS		000	- +	6	NYCRR	212		6	а		_	†		



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		Determ	nination of I	Non-App	licability	(Title	V Only	()	Continuation	Sheet(s)
				Rule Cita	ation					
Title	Туре	Part	Sub Part	Section	Sub Divis	ion Pa	rag. Si	ıb Parag.	Clause	Sub Claus
	NYCRR	212		4	С			24.5		
Emission Unit	Emission	Point	Process	Emissio	n Source		-		al Requirement	
CRUSHS			000			-	State	Only Requir	rement	
				Descript						
Crusher PRTJ0	C (Cedar Ra	pids) is not	equipped with	a stack (th	ere is no v	olumetri	c exhau	st flow to	apply to the	grain
limit of 0.05 gr/	dsct). There	rore this p	rocess is not a	pplicable to	212.4 (C).					
	-									
			-							
				Rule Cita	ation					
Title	Туре	Part	Sub Part	Section	Sub Divis	ion Pa	rag. S	ub Parag.	Clause	Sub Claus
40	CFR	60	000	670						
Emission Unit	Emission	Point	Process	Emissio	n Source		Appl	cable Feder	al Requirement	
CRUSHS			212					Only Requi	rement	
				Descrip	tion					
Crushers ELJC	H (Sandcon	e) and SE	CCH (Traylor)			reconsti	ucted.	r modified	d after 8/31/	83.
Therefore this	nrocess is n	ot applicab	le to 40 CFR 6	O Subpart (200					
Therefore this	process is in	or applicati		o odopan v						
_		_								_
							-			
			Deserve	Footsale					_	
	1 1 1		Process	Emissio	ns Sum	nary			Continuatio	
EMISSION UNIT	-		2000						PROCES	
CAS			Contaminant Name			% of Thruput	% of Captur	% of e Contro		Determine
No.			Name			Tilluput	Captui	e Contr	oi (ib/iii)	Determine
				*						
		PTE	T ale		Stand Unit		1	TE How termined		ctual
(lb/hr)		(lb/yr)	(standar	d units)	- 01110			Cirilinea	(lb/hr)	(lb/yr)
MISSION UNIT	1-11	1111				-			PROCE	ss I I
CAS			Contaminant		- 1	% of	% of	% 01	ERP	ERP Ho
No.			Name			Thruput	Captu			Determin
		PTE			Stand	ard	Р	TE How	1	Actual
(lb/hr)		(lb/yr)	(standa	rd units)	Unit	ts	De	termined	(lb/hr)	(lb/yr)
EMISSION UNIT	-								PROCE	ss
CAS			Contaminant			% of	% of			ERP Ho
No.			Name			Thruput	Captu	e Contr	ol (lb/hr)	Determin
		PTE			Stand			TE How	-	Actual
(lb/hr)		(lb/yr)	(standa	rd units)	Uni	ıs	De	termined	(lb/hr)	(lb/yr)
			100							



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		Determi			cability (co	ntinua	ition)		
			F	Rule Cita	tion				
Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Claus
40	CFR	60	000	670					
Emission Unit	Emission F	oint	Process	Emission	Source	23	Applicable Federal		
CRUSHS			212				State Only Require	ement	
	-24 - 5			Descript	ion				
	JCH (Sandcone is process is no					nstructe	d, or modified	after 8/31/	83.
				Rule Cita	tion				
Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clau
6	NYCRR	212	Sub Fait	4	C C	raiay.	Sub Farag.	Clause	Sub Clau
Emission Unit			Process		n Source	\square	Applicable Federa	l Requirement	
CRUSHS	Lillission	Olit	FSC	Limasion	ii douice		State Only Require		
							, , , ,		4.7 1
				Descript	1011				
				Rule Cita		т			
		Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	
Title	Туре								Sub Clau
6	NYCRR	212		4	С			Territoria de la compansión de la compan	
6 Emission Unit	NYCRR		Process		c n Source	2.3	Applicable Federa		
6	NYCRR		Process FPC			2.3	Applicable Federa State Only Requir		
6 Emission Unit	NYCRR				n Source	2.3	* 1		
6 Emission Unit CRUSHS Crusher ELJ	NYCRR Emission	Point) is not equ	FPC	Descript	n Source tion is no volumetri		State Only Requir	ement	t
6 Emission Unit CRUSHS Crusher ELJ	NYCRR Emission	Point) is not equ	FPC	Descript	n Source tion is no volumetri		State Only Requir	ement	t
6 Emission Unit CRUSHS Crusher ELJ	NYCRR Emission	Point) is not equ	FPC	Descript	n Source tion is no volumetri		State Only Requir	ement	t
6 Emission Unit CRUSHS Crusher ELJ	NYCRR Emission	Point) is not equ	FPC	Descript	n Source tion is no volumetri		State Only Requir	ement	t
6 Emission Unit CRUSHS Crusher ELJ	NYCRR Emission	Point) is not equ	FPC Lipped with a s	Descript tack (there able to 212.	n Source tion is no volumetri .4 (c).		State Only Requir	ement	t
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds	NYCRR Emission ICH (Sandcone scf). Therefore	Point) is not equathis proces	FPC uipped with a s ss is not applica	Descript tack (there able to 212.	tion is no volumetri 4 (c).	ic exhau	State Only Requir	y to the gra	ain limit
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds	NYCRR Emission ICH (Sandcone ocf). Therefore	Point) is not equal this proces	FPC Lipped with a s	Descript tack (there able to 212.	tion is no volumetri .4 (c). ation Sub Division		State Only Requir	ement	ain limit
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds Title 6	NYCRR Emission ICH (Sandcone of). Therefore Type NYCRR	Point) is not equathis proces Part 212	FPC uipped with a s ss is not applica	Descript tack (there able to 212. Rule Cita Section	tion is no volumetri .4 (c). ation Sub Division c	ic exhau	st flow to appl	y to the gra	ain limit
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds Title 6	NYCRR Emission ICH (Sandcone of). Therefore Type NYCRR	Point) is not equathis proces Part 212	FPC Lipped with a sess is not applicated to the session of applicated to	Descript tack (there able to 212. Rule Cita Section	tion is no volumetri .4 (c). ation Sub Division	ic exhau	State Only Requir	y to the gra	ain limit
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds Title 6 Emission Unit	NYCRR Emission ICH (Sandcone of). Therefore Type NYCRR	Point) is not equathis proces Part 212	Sub Part	Descript tack (there able to 212. Rule Cita Section 4 Emissio	tion is no volumetri .4 (c). ation Sub Division c on Source	ic exhau	State Only Requirest flow to apple Sub Parag. Applicable Federa	y to the gra	ain limit
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds Title 6 Emission Unit CRUSHS	NYCRR Emission ICH (Sandcone of). Therefore Type NYCRR Emission	Point) is not equathis proces Part 212 Point	Sub Part Process 212	Descript tack (there able to 212. Rule Cita Section 4 Emissio	tion is no volumetri 4 (c). ation Sub Division c in Source	Parag.	State Only Requirest flow to apples Sub Parag. Applicable Federa State Only Requires	Clause	Sub Clau
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds Title 6 Emission Unit CRUSHS	NYCRR Emission ICH (Sandcone of). Therefore Type NYCRR Emission CCH (Traylor) is	Point) is not equipment of the proces Part 212 Point	Sub Part Process 212	Descript tack (there able to 212. Rule Cita Section 4 Emissio	tion is no volumetri 4 (c). ation Sub Division c in Source tion no volumetric	Parag.	State Only Requirest flow to apples Sub Parag. Applicable Federa State Only Requires	Clause	sub Clau
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds Title 6 Emission Unit CRUSHS	NYCRR Emission ICH (Sandcone of). Therefore Type NYCRR Emission	Point) is not equipment of the proces Part 212 Point	Sub Part Process 212	Descript tack (there able to 212. Rule Cita Section 4 Emissio	tion is no volumetri 4 (c). ation Sub Division c in Source tion no volumetric	Parag.	State Only Requirest flow to apples Sub Parag. Applicable Federa State Only Requires	Clause	sub Clau
Emission Unit CRUSHS Crusher ELJ of 0.05 gr/ds Title 6 Emission Unit CRUSHS	NYCRR Emission ICH (Sandcone of). Therefore Type NYCRR Emission CCH (Traylor) is	Point) is not equipment of the proces Part 212 Point	Sub Part Process 212	Descript tack (there able to 212. Rule Cita Section 4 Emissio	tion is no volumetri 4 (c). ation Sub Division c in Source tion no volumetric	Parag.	State Only Requirest flow to apples Sub Parag. Applicable Federa State Only Requires	Clause	ain limit Sub Cla

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	Emission U	nit Description		Continuation Sheet(s)
MISION UNIT K I L	N S G			
	aggregate in rotary kilns using natural sl and Nos. 2, 4 and/or 6 fuel oils as fuel so		and hazardous and n	on-hazardous
	Bu	ilding		Continuation Sheet(s
Building	Building Name	ilding Length (ft)	Width (ft)	Continuation Sheet(s
Building B-3			Width (ft)	

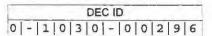
			Emission Poir	nt	\boxtimes	Continuation Sheet(s)
EMISSION POINT	0 0 0 0 1					
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross	Section
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210	120	75	48	135		
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
63.7	48000					
EMISSION POINT	0 0 0 0 2					
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross	Section
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210	120	75	48	135		
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
63.7	48000					

				Emissi	on Sourc	e / Control		Continuation Sheet(
Emission So	ource	Date of	Date of	Date of		Control Type		
ID	Type	Construction	Operation	Removal	Code	Description	Manufacturer's Name / Model N	
CC1CT	K				7		Barron	Air Systems/14K35
Design		Design Cap	acity Units		Waste Feed		Waste Type	
Capacity	Code	De	escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of	Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	rer's Name / Model No
CC2CT	K				7		Barron	Air Systems/14K35
Design		Design Cap	acity Units		Waste Feed		Waste Type	
Capacity	Code	Description			Code	Description	Code	Description



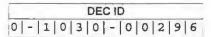
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		Emissic	on Point (conti	inuation)				
EMISSION UNIT	K I L N S G				EMISSION POIN	T 0 0 0 3 2		
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Section			
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)		
210	87	26	45	350				
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal		
51.5	34100							
EMISSION UNIT	K I L N S G				EMISSION POIN	T 0 0 0 3 1		
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S	ection		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)		
210	87	26	45	350				
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal		
51.5	34100			1				





MISION UNIT			Emissi	on Sou	rce/Co	ntrol (continuation)				
CI LINISIG										
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Type	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No		
K1CT1	K				76		В	arron Air Systems		
Design		Design Cap	acity Units			Waste Feed		Waste Type		
Capacity	Code	De	escription		Code	Description	Code	Description		
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufacturer's Name / Model Aero Pulse/3PR-400-H-12-			
K1CT2	K				16					
Design	-	Design Cap	acity I Inite			Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		
	Code	Di	escription		Code	Description	Code	Description		
	1									
Emission So		Date of Construction	Date of	Date of		Control Type	Manufac	turer's Name / Model No		
ID	Туре	Construction	Operation	Removal	Code	Description	Ivianutac			
K1CT3	K				69			Beco		
Design		Design Cap	acity Units			Waste Feed		Waste Type		
Capacity	Code	D	escription		Code	Description	Code Description			
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Type	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N		
K1CT4	K					Multi-Vane Scrubber		Ducon		
Design	+	Design Cap	acity Units			Waste Feed		Waste Type		
Capacity	Code	-	escription		Code	Description	Code	Description		
								*		
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction			Code	Description	Manufac	turer's Name / Model N		
K1CT5	K				14			Ducon		
	-	Danies Car	a alb a Llaite			Minute Frank				
Design Capacity	0-4-	Design Car			0-4-	Waste Feed	0-4-1	Waste Type		
Сараску	Code	D	escription		Code	Description	Code	Description		
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	cturer's Name / Model N		
K2CT1	K				76	,	В	arron Air Systems		
Design	1	Design Car	pacity Units			Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		
F-la-la- A		Det f	Det -	Det- of		Control Turn				
Emission So	-	Date of Construction	Date of Operation	Date of Removal	C-4-	Control Type	Manufa	cturer's Name / Model N		
ID	Туре	JOHAN UCUON	Operation	Komoval	Code	Description	2 22 22 22			
K2CT2	K				16		Aero	Pulse/3PR-400-H-12-Y		
Design		Design Car		3		Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		





MISION UNIT	4		Emiss	ion Sou	rce/Co	ntrol (continuation)				
IIILINISIG		Dete of								
Emission So		Date of Construction	Operation	Date of	0.4-	Control Type	Manufact	turer's Name / Model No		
ID K2CT3	Type	Construction	Operation	rtemoval	Code 69	Description	Wallalac	Beco		
	, ,				09					
Design Capacity	-	Design Cap				Waste Feed		Waste Type		
Сараску	Code	De	escription		Code	Description	Code	Description		
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No		
K2CT4	K					Mulit-Vane Scrubber		Ducon		
Design		Design Cap	acity Units			Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		
Emission So		Date of Construction	Date of	Date of		Control Type	Manufac	turer's Name / Model No		
ID	Туре	Construction	Operation	Removal	Code	Description	ivialiulac	Manufacturer's Name / Model N		
K2CT5	K				14			Ducon		
Design		Design Cap				Waste Feed		Waste Type		
Capacity	Code	D	escription		Code	Description	Code	Description		
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction			Code	Description	Manufacturer's Name / Mode			
CLKN1	1						Cooler Vent			
Design	+	Design Cap	pacity Units	3		Waste Feed	Waste Type			
Capacity	Code		escription		Code	Description	Code Description			
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No		
CLKN2	F							Cooler Vent		
Design		Design Cap	pacity Units	3		Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N		
SKLN1	1							Rotary Kiln		
Design		Design Cap	pacity Units	5	_	Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		
			•							
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N		
SKLN2	L							Rotary Kiln		
Design		Design Cap	pacity Units	S		Waste Feed		Waste Type		
Capacity	Code	D	escription		Code	Description	Code	Description		

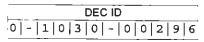


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Section IV - Emission Unit Information (continued)

			Process In	formation		⊠ Co	ntinuation Sheet(s)		
MISSION UNI	K I L N	SG				PRO	CESS K C		
			Descri	iption					
Kiln #1 and	#2 Clinker Co	oolers.							
		aggregate in rot					hazardous		
and non-ha	zardous waste	e oils, natural g	as, and Nos. 2	, 4 and/or 6 fu	el oils as fuel s	ources.			
			-			-			
	assification (SCC)				Thruput Qu				
Code	(300)	Quantity/Hr	Quantity/Yr	Code		Description			
☐ Confident	tial		Operating Schedule Hrs/Day Days/Yr Building ions 24 365 B-3 Emission Source/Control Identifier(s) (continued) CLKN1 CLKN2						
	g at Maximum Ca	nacity			Building	Description ling Floor/Location 3 PROCESS K			
	rith Insignificant E				B-3				
			on Source/Control	Identifier(s) (con	l itinued)				
CC1CT	CC2CT								
CCTCT	CC2C1	CLKN1	CLKN2						
MISSION UNI	T K I L N	SG				PRO	CESS K H		
			Descr	iption		•			
Kilns #1 an	d #2 Scrubber	r Exhaust.							
Production	of expanded a	aggregate in rot	tary kilns using	natural shale	as the raw ma	terial feed and	d hazardous		
waste oils.		-55							
	assification	Total 7	Thruput		Thruput Qu	antity Units			
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description			
Confiden	tial		Operating	Schedule					
	g at Maximum Ca	pacity	Hrs/Day	Days/Yr	Building	Floor/I	Location		
	vith Insignificant E		24	365	B-3				
		Emiss	ion Source/Contro	I Identifier(s) (cor	ntinued)				
K1CT1	K1CT2	K1CT3	K1CT4		WOOTA	K2CT2			
	8 8 8 70 8 70	111010	141014	K1CT5	K2CT1	RZC12	K2CT3		
K2CT4	K2CT5	SKLN1	SKLN2	K1CT5	K2C11	R2C12	К2СТ3		

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		Proce	ess Informati	ion (continu	ation)		
EMISSION	JNIT KIILNI	SG				PRO	CESS K N F
		_	Descr	iption		-	<u> </u>
Kilns #1	and #2 Scrubber	Exhaust.		<u> </u>			
Product	on of expanded a	aggregate in ro	tary kilns using	natural shale	as the raw ma	terial feed and	non-
hazardo	us waste, natural	gas, or Nos. 2	, 4 and 6 fuel c	oils.			
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1							
							
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	Classification	Total 1	Thruput		antity Units		
C	ode (SCC)	Quantity/Hr	Quantity/Yr	Code		Description	
					. =		
Confi	dential		Operating	Schedule			
Opera	iting at Maximum Ca	pacity	Hrs/Day	Days/Yr	Building	Floor/Le	ocation
Activi	y with Insignificant E	missions	24	365	B-3		
	Emis			Identifier(s) (con	tinued)		
K1CT1					·	140.000	10000
	K1CT1 K1CT2 K1CT3		K1CT4	K1CT5	K2CT1	K2CT2	К2СТ3
K2CT4	K2CT5	SKLN1	SKLN2				



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Section IV - Emission Unit Information (continued)

	Emission Unit Point Proce		Emission		Emission U	Init Appl		Continuation Sheet(s)					
Emission Unit	Point	Process	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
KILNSG		KCC		6	NYCRR	212		6	а				
KILNSG		KHF		6	NYCRR	212		10	С				
KILNSG		KHF		6	NYCRR	212		6	а				
KILNSG		KHF		6	NYCRR	212		9	d				
KILNSG		KHF		6	NYCRR	373	2	15					
KILNSG		KHF		6	NYCRR	374	1	1					

Emission Unit	Emission Point	Process	Emission Source	The state of the s								Continuation Sheet(s)			
Linission Onic	FORIL	riocess	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause		
						+									

			Emissio	n Unit Co	ompliance (Certificati	on		on Sheet(s)		
				Rul	e Citation						
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause		
6	NYCRR	374	1	8	е						
App	olicable Federal Re	quirement	State C	Only Requirem	ent	Capping					
Emission	Unit Emission Point	Process	Emission Source	CA	AS No.		Contaminant Name				
KILNS	G	KHF		63	0-08-0		Carbon me	onoxide			
				Monitori	ng Informat	ion					
Interm	nuous Emission Mo nittent Emission Te ent Air Monitoring			Work Pra	ictice Involving Spe (eeping / Maintenar	cific Operations	ameters as Surroga	le			
Continu	uous Emission	s Monitoring	(CEM) of ca		scription xide (CO) emi	ssions.					
Work Pra	ctice		Proces	s Material			Referen	nce Test Meti	nod		
Type	Code			Description			11010101	100 1000 11100			
			Parameter				Manufactur	er Name / Mo	del No.		
	Code			Description							
	23										
		imit				Lin	mit Units				
	Upper		Lower	Coc	ie	Description					
100							ppmv				
	Averaging M	ethod		Monito	ring Frequency		Reportii	ng Requireme	ents		
Code	Des	cription	Code		Description		Code	Description			
	1 hour rol	ing average	01								

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	Emission	l .	Emission		Emission	Unit App.	licable Fed	leral Rec	quirements (co	ontinuat	ion)	-	
Emission Unit	Point	Process	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
KILNSG		KNF		6	NYCRR	212		10	С	_		Ī	
KILNSG	I	KNF	_	6	NYCRR	212		6	а			 	
KILNSG		KNF		6	NYCRR	212		9	d			1	
KILNSG	T	KNF	-	6	NYCRR	373	2	15		!	1	+	
KILNSG		KNF		6	NYCRR	374	1	1	_	-	<u> </u>	 -	<u> </u>



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Emission Unit Compliance Certification (continuation)													
					Citation			,					
Title	Туре	Part S	Sub Part	Section	Sub Divisio		Sub	Paragraph	Clause	Sub Clause			
6 N	YCRR	374	1	8	f		Ť						
Applicable	Federal Req	uirement	State C	only Requireme	ent	Capping							
Emission Unit	Emission Point	1 100033	mission Source	CA	S No.			Contaminan	t Name				
KILNSG		KHF		NY07	75-00-0	i		Particula	tes				
			1	Monitorir	ng Inform	ation							
_	Emission Mon	-				Control Device Pa	rameter:	s as Surrogate					
_	Emi ss ion Test	ting	i	Work Prac	ctice Involving S	pecific Operation	s						
Ambient Air I	Monitoring			Record Ke	eping / Mainte	nance Procedures	i	_					
	Description												
Operation of	Operation of equipment consistent with Best Management Practices (BMP) plan.												
Work Practice			Proces	s Material				Reference	e Test Meth	od			
Туре	Code			Description									
4	286												
_		P	arameter					Manufacture	Name / Mo	del No.			
Code			_	Description	_								
	Liı	mit	_			Ĺ	imit Uni	ts					
Upper		Low	ver	Code	9			Description					
				1									
Av	eraging Me	thod		Monitor	ing Frequenc	y I		Reporting	Requireme	nts			
Code	Descr	iption	Code		Description	-	Code		Description				
	-		 -										



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		Emissi	on Uni	it C		ce Certifica	ation (con	itinua	tion)		
Title	Туре	Part	Sub Par	-4		Citation	0	T			1
	NYCRR	374	1	-	Section 8	Sub Division	Paragraph	Sub F	Paragraph	Clause	Sub Clause
	e Federal Requ			ate O	nly Requireme	g ent	Capping	-			
Emission Unit	Emission	Process	Emissio		-	S No.	Попрына		Contaminan	t Namo	
1/11 1/00	Point	1.53.652.5	Source			34.04.67			Jontaminan	. Name	
KILNSG	le constitution de la constituti	KHF				0-36-0			Antimo	ny	
						ng Informat					
	Emission Moni Emission Testi Monitoring				Work Prac	g of Process or Co ctice Involving Spe eeping / Maintenar	ecific Operations		as Surrogate		
						scription	ioc i roccasica				
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										-	
Work Practice		-	Pro	cess	Material				Reference	e Test Meth	nod
Туре	Code				Description				, 10,0,011	o . cot mot	
4	286					1400		-			
			Paramete	er				M	lanufacture	Name / Mo	del No.
Code					Description						
				Antin	mony feed ra	ite					
	Lir	mit					Li	mit Unit	s		
Uppe	f		Lower		Code	8			Description		
	veraging Met				Monitor	ring Frequency			Reporting	Requireme	nts
Code	Descrip	ption		ode		Description		Code Description			
-			(07							
	-			- T		Citation		7			
Title 6	Туре	Part	Sub Par	rt	Section	Sub Division	Paragraph	Sub F	aragraph	Clause	Sub Clause
	NYCRR e Federal Requ	374	1 0	-1- 0	8	g	F7 0				
Emission Unit	Emission	Process	Emission		nly Requireme		Capping				
	Point	Flocess	Source		CA	S No.		C	contaminant	Name	
KILNSG		KHF			744	0-38-2			Arseni	С	
						ig Informat					
	Emission Moni				Monitoring	of Process or Co	ntrol Device Par	rameters	as Surrogate		
	Emission Testi	ng				ctice Involving Spe					
Ambient Air	Monitoring					eeping / Maintenar	nce Procedures				
The food on		10.6	Constraint			cription					
The reed ra	te of Arseni	c will be de	termined	роу	a quarterly	composite an	alysis of we	ekly gr	ab sample	S.	
Work Practice			Pro	cess	Material				Reference	e Test Meth	lod
Туре	Code				Description						
4	286		Dansmak								
Code			Paramete	er	Description			M	anufacturer	Name / Mo	del No.
				Arce	enic feed rate						
	Lin	nit	_	MISC	sinc reed rate	е	1.5	naik I Imik			
Uppe		-	Lower		Code	9	LII	mit Units	Description	-	
				_	-						
A	veraging Met	hod		_	Monitor	ing Frequency			Reporting	Requireme	inte
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			(07							



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Section IV - Emission Unit Information

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		Emissi	ion Unit	Con	nplian	ce Cer	tifica	ation (con	tinu	ation)		
						e Citati		August Joseph	*****	2001.7		
Title	Туре	Part	Sub Part	S	Section	Sub Div		Paragraph	Sub	Paragraph	Clause	Sub Clause
6	NYCRR	374	1		8	g						
	able Federal Red				Requireme			Capping				
Emission Ur	nit Emission Point	Process	Emission Source	-	CA	AS No.			1	Contaminant	t Name	
KILNSG		KHF				40-39-3				Bariun	n	
						ng Info						
Intermitte	ous Emission Morent Emission Tes Air Monitoring				Monitoring Work Prac Record Ke	ng of Process actice Involvi Keeping / Ma	ss or Co ving Spe laintenar	ontrol Device Par ecific Operations nce Procedures	S	s as Surrogate		
						scriptio						
The feed	rate of Bariu	ım will be det	termined I	by a q	uarterly	compos	ite an	alysis of wee	akly gr	rab sample:	s.	
Work Praction			Proc	cess Ma						Reference	ce Test Meth	nod
Туре	Code			Des	scription							
4	286											
			Paramete						1	Manufacturer	r Name / Mo	del No.
Cod	Je				scription							
				Barium	n feed rate	te						
		Limit			20			Lir	imit Uni			
U	Jpper		Lower		Code	ie				Description		
	- N									- 10		
Ords 1	Averaging Me				Monitor	oring Frequ				Reporting	g Requireme	
Code	Desc	cription	Cox			Descrip	otion		Code		Description	
			07	7								
	-				-	e Citati						
Title 6	Type	Part 374	Sub Part	5	Section	Sub Div		Paragraph	Sub	Paragraph	Clause	Sub Claus
-	NYCRR able Federal Rec	374	1 State	- Only !	8 Paguirama	g		Correina				
M Application Un			Emission		Requireme			Capping			7.945 D	
Emission of	nit Emission Point	Process	Source		CA	AS No.				Contaminant	t Name	
KILNSG		KHF			744	40-41-7				Berylliu	ım	
				Мо	nitori	ng Info	rma	tion				-
Intermitte	ous Emission Mor ent Emission Tes Air Monitoring				Monitoring Work Prac	ng of Process actice Involvi	ss or Co ving Spe	ontrol Device Par ecific Operations nce Procedures	3	s as Surrogate	ī	
						scriptio						
The feed	rate of Beryl	llium will be o	determine	d by a	quarter	rly compo	osite a	analysis of w	eekly	grab samp	iles.	
Work Practic	ce		Proc	cess Ma	aterial				_	Reference	ce Test Meth	nod
Type	Code				scription						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.00
4	286											
			Parameter	r					- 1	Manufacturer	r Name / Mc	del No.
Cod	de	-		Des	scription							
			P	serylliur	m feed ra	ate						
	L	Limit						Li	mit Uni	its		
U	Jpper		Lower		Code	ie				Description		
				7.1								
	Averaging Me	ethod			Monito	ring Frequ	uency			Reporting	g Requireme	ents
Code		cription	Cod	de	17.00	Descrip			Code		Description	
			07	7								

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			Emiss	ion U	nit C	omplian	ce Certif	ica	tion (con	tinua	ation)		
							e Citatio						
Title		Туре	Part	Sub	Part	Section	Sub Divisi		Paragraph	Sub	Paragraph	Clause	Sub Clause
6	N	YCRR	374	1		8	g						
X A	Applicable	Federal Req	uirement		State O	nly Requireme	ent		Capping				
Emissio	on Unit	Emission Point	Process	Emis Sou		CA	AS No.		_	1	Contaminan	t Name	
KILN	ISG		KHF			744	10-43-9				Cadmiu	im	
						Monitori	ng Inforn	nat	ion				
Inte	ermittent E	Emission Mon Emission Test Monitoring				Monitoring Work Pra	g of Process of actice Involving	Co. Spe	ntrol Device Par cific Operations ace Procedures		s as Surrogate		
,						Des	scription						
The f	feed rat	e of Cadm	ium will be	detern	nined t				analysis of v	veekly	grab samp	oles.	
Work P	ractice				Proces:	s Material		_	-		Reference	ce Test Meth	nod
Тур		Code				Description	-	-					,00
4	1	286			***		-						-
				Paran	neter			_		N	Manufacture	r Name / Mo	idel No.
	Code					Description						Transfer	dor inc.
	-				Cade	mium feed ra	ate	-					
		Li	mit						Li	mit Uni	te		-
	Upper			Lower		Cod	ie 1			THE OTH	Description		-
									*				
	Av	eraging Me	thod		-	Monito	ring Frequer	CV		-	Penorting	Requireme	nte
Code	7.,	Descr			Code	WOING	Description	-		Code	Keporting	Description	
			19.000		07			-		0000		Dood pine.	
					91	D.J.	- Citatia	_		_			
Title		Туре	Part	Sub	Dart	Section	Sub Divis		Decearanh	Cub	Danasanh	Olavies	Cut Clause
6		YCRR	374	Sub 1		Section 8		011	Paragraph	Sub	Paragraph	Clause	Sub Clause
		Federal Req				nly Requireme	g		Capaina				
Emissio		Emission		Emis				-	Capping				
Elinosic	on Onk	Point	Process	Sou		CA	AS No.				Contaminan	t Name	
KILN	ISG		KHF			744	10-47-3				Chromit	um	
					-	Monitoria	ng Inform	nat	ion				
☐ Inte	ermittent E	Emission Mon Emission Test Monitoring				☐ Monitoring ── Work Pra	g of Process of actice Involving	Coi Spe	ntrol Device Par cific Operations ace Procedures		s as Surrogate	1	
					-		scription			-			
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Work P	ractice			-	Process	s Material					Referenc	ce Test Meth	nod
Тур		Code				Description		-			Noioron	DE LEST MICH	lou
4		286					· · · · · · · · · · · · · · · · · · ·	-					
		200		Paran	neter						Manufacture	- Name / Ma	dal Na
	Code			1 Marsh	io.c.	Description		-			Vianuiaciuici	I Name / No	dei No.
					Chrom	nium(T) feed	rate						
	-	Li	mit		Omon.	Tion (1) 1000	Tate		13	mit Uni			
	Upper			Lower		Cod	la l		Li	mit Om	Description		-
				20701							Description		
	Α.												
Code	AV	eraging Me			Codo	Monito	ring Frequer	-		0	Reporting	g Requireme	
700-100					Code					Description			
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Section IV - Emission Unit Information



			Emissi	ion U	nit C	Complian	ce Ce	rtifica	ation (con	tinu	ation)		
							e Cita	tion					
Title	-	Туре	Part	Sub F	Part	Section	Sub D	Division	Paragraph	Sub	Paragraph	Clause	Sub Clause
6		YCRR	374	1		8		g					
		Federal Requ	uirement			Only Requireme	ent		Capping				
Emission		Emission Point	Process	Emiss			AS No.				Contaminant		
KILN	SG		KHF				38-94-5				Chromic (V	I) Acid	
Inter	ermittent E	Emission Moni Emission Testi Monitoring	-			Work Pra	g of Proce actice Invo (eeping / M	ess or Co olving Spe Maintenar	tion introl Device Par ecific Operations nce Procedures		s as Surrogate		
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-		e or Chron	num(vi) wii				Jarteriy	compo	site analysis	of we	eekly grab s	samples.	
Work Pr				F	roces	s Material					Reference	ce Test Meth	nod
Тур		Code				Description							
4	6	286											
				Param	neter						Manufacture	Name / Mo	del No.
	Code					Description							
					Chron	nium(VI) feed	I rate						
			mit						Li	mit Un	its		
	Upper			Lower		Cod	ie				Description		
	-												
Code	Av	veraging Met			Cada	Monitor	ring Fred	-			Reporting	g Requireme	
Code		Descrip	otion		Code		Desc	ription		Code		Description	
					07								
Title		Turne	Ded	0.4.5			e Cita						
6		Type	Part 374	Sub F	-ап	Section 8	-	Division	Paragraph	Sub	Paragraph	Clause	Sub Clause
		Federal Requ		-	State (Only Requireme	1	g	Capping				
Emission		Emission	Process	Emiss			S No.		Сарринд		Cantanina	4 Alassa	
		Point		Sour		- CA	13 140.				Contaminant	Name	
KILNS	SG		KHF			744	10-50-8				Coppe	r	
						Monitorir	ng Info	ormat	tion				
Inter	ermittent E	Emission Monit Emission Testii Monitoring				Work Prac	ctice Invo eeping / N	olving Spe Maintenar	ntrol Device Par ecific Operations nce Procedures		s as Surrogate		
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THE	eed rat	e of Coppe	r will be de	termin	ea by	a quarterly	compo	osite an	alysis of wee	ekly g	rab sample	S	
Work Pr	ractice			F	roces	s Material				_	Referenc	e Test Meth	ood
Туре	je	Code				Description					7101010110		,00
4		286											
				Param	eter					-	Manufacturer	Name / Mo	del No.
	Code					Description							
					Co	pper feed rat	te			-			
		Lin	nit						Lir	mit Uni	its		
	Upper		1	Lower		Code	le				Description		
	Av	eraging Met	hod			Monitor	ring Fred	quency			Reporting	Requireme	ents
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		Emiss	ion Ur	it Co	mplian	ce Certifica	ation (con	tinuation)					
						Citation							
Title	Туре	Part	Sub Pa	art	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause			
6	NYCRR	374	1		8	g							
Applica	ble Federal Re	quirement		State Onl	y Requireme	ent	Capping						
Emission Un	t Emission Point	Process	Emissi Source		CA	S No.		Contaminant Name					
KILNSG		KHF			743	9-92-1		Lea	d				
				M	onitorir	ng Informa	tion	, , , , ,					
Intermitte	us Emission Mo nt Emission Te Air Monitoring				Monitoring Work Pra		introl Device Par ecific Operations	rameters as Surroga	te				
					Des	scription							
The feed	rate of Lead	d will be dete	ermined	by a qu	uarterly co	omposite anal	ysis of week	ly grab samples					
Work Practic			D		Material		-	D-f	+ 11				
Type	Code		P		Description			Refere	nce Test Meti	100			
4	286				- Lacription								
4	200		Parame	ator				Menufact	er Name / Mo	dal Na			
Code			1 araine	10.00	Description			IVIAITUTACLUT	er ivame / ivic	del No.			
		_			d feed rate								
		_imit		LCa	d leed rate		1.30	mit Units					
Up	per		Lower		Cod	e	Li	Description					
	Averaging M	lethod			Monitor	ring Frequency		Reporti	ng Requireme	ents			
Code		cription		Code		Description		Code	Description				
				07									
					Rule	Citation							
Title	Туре	Part	Sub P	art	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause			
6	NYCRR	374	1		8	g							
Applica	ble Federal Re	quirement		State Onl	y Requireme		Capping		-				
Emission Un		Process	Emissi		CA	S No.		Contamina	nt Name				
KILNSG	Point	VUE	Source	e	740	0.07.0							
KILNSG		KHF				9-97-6		Merc	ury				
Intermitte	us Emission Mont Emission Te				Monitoring Work Pra	ng Information of Process or Contice Involving Speeping / Maintena	introl Device Par ecific Operations	rameters as Surroga	te				
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The feed	rate of Merc	cury will be d	letermin	ed by a			nalysis of we	eekly grab samp	les.				
Made Deservi	- 1		_		T. C. C.								
Work Practic	Code		P		Material			Refere	nce Test Met	nod			
					Description								
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Code			Parame		Description			Manufactur	er Name / Mo	odel No.			
500					ury feed ra	to							
		Limit		MEIC	ury reed ra	le		esik I Isika					
ile	per	Lucit	Lower		Cod	9	Li	mit Units					
-						-		Description					
	Averaging M	lethod			Manita	ring Fraguesa		D	na Demilia	anda.			
Code	Averaging M Des	lethod cription		Code	Monito	ring Frequency Description		Reporti	ng Requireme				



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		Emiss	ion U	nit C	Complianc	e Certific	ation (co	ntinu	ation)			
						Citation						
Title	Туре	Part	Sub F	art	Section	Sub Divisio	Paragraph	Sub	Paragraph	Clause	Sub Clause	
	NYCRR	374	1		8	9						
	e Federal Requ	irement		diam'r.	Only Requiremen	nt	Capping					
Emission Unit	Emission Point	Process	Emiss		CAS	S No.			Contaminant	t Name		
KILNSG	, our	KHF	Oour	00	7440	0-02-0			Nicke	1		
					Monitorin	a Inform	ation					
Continuous	Emission Moni	toring			_		Control Device P	arameter	s as Surrogate			
Intermittent	Emission Testi	ng					pecific Operatio					
Ambient Air	Monitoring				Record Ke	eping / Mainter	ance Procedure	S				
						cription						
The feed ra	te of Nickel	will be det	ermine	d by	a quarterly c	omposite a	nalysis of we	ekly gr	ab samples			
-												
Work Practice			F	roces	ss Material				Reference	e Test Meth	nod	
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Section IV - Emission Unit Information



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Title Type Part Sub Part Section Sub Division Paragraph Sub Paragraph Clause Sub Claus 6 NYCRR 374 1 8 9 9 Copping Emission Unit Emission Expression Sub Paragraph Clause Sub Claus Emission Unit Emission Expression Sub Paragraph Clause Sub Claus KILINSG KNF TA40.39-3 Barium Continuous Emission Monitoring Monitoring Process or Context Device Parameters as Surrogate Work Practice Involving Specific Operations Ambient Air Monitoring Maniferance Process Material Record Keeping Maniferance Procedure Limit Disper Code Description Title Type Part Sub Part Section Sub Division Paragraph Sub Paragraph Clause Sub Claus Averaging Method Monitoring Frequency Reporting Requirements Code Description Osciption Sub Division Paragraph Sub Paragraph Clause Sub Claus Averaging Method Monitoring Frequency Reporting Requirements Title Type Part Sub Part Section Sub Division Paragraph Sub Paragraph Clause Sub Claus Averaging Method Sub Paragraph Sub Paragraph Clause Sub Claus North Practice Description Description Fulle Citation Title Type Part Sub Part Section Sub Division Paragraph Sub Paragraph Clause Sub Claus Averaging Method Sub Paragraph Sub Paragraph Clause Sub Claus North Practice Description Description Title Type Part Sub Part Section Sub Division Paragraph Sub Paragraph Clause Sub Claus Averaging Method Sub Paragraph Sub Paragraph Clause Sub Claus Averaging Method Sub Paragraph Sub Paragraph Clause Sub Claus Averaging Method Sub Parameter Sub Parameter Sub Paragraph Clause Sub Claus Averaging Method Sub Parameter			Emissio	n Unit	Cor	mpliand	e Certific	ation (co	ntinua	ation)			
6 NYCRR 374 1 8 g Capping Applicable Federal Requirement State Only Requirement Capping Emission Unit Emission Testing Point					Rule	Citation					2 1 21		
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6 NYCRR 374 1 8 g Applicable Federal Requirement State Only Requirement Capping	Title	Туре	Part	Sub Part				Paragra	h Sub	Paragraph	Clause	Sub Clause	
Applicable Federal Requirement State Only Requirement CAS No. Contaminant Name Emission Unit Emission Process Source CAS No. Contaminant Name KILNSG KNF 7440-41-7 Beryllium Monitoring Information Continuous Emission Monitoring Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations The feed rate of Beryllium will be determined by a quarterly composite analysis of weekly grab samples. Work Practice Process Material Reference Test Method Type Code Description Work Practice Parameter Manufacturer Name / Model No. Code Description Beryllium feed rate Limit Limit Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description Code Description Averaging Method Description Code Description Code Description Code Description Code Description Description Code Description Code Description Description Code Description Code Description Description Description Description Code Description Description Description Description Code Description Description Description Description Code Description Description Description Description Code Description Description Code Description Code Description Description Code Code Description Code Code Code Code Code Code Code Code	6		374	1		8	g					Y	
Emission Unit Emission Process Emission Source CAS No. Contaminant Name	Applicat	le Federal Requ	uirement	☐ Stat	e Only	Requireme		Cappii	g				
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The feed rate of Beryllium will be determined by a quarterly composite analysis of weekly grab samples. Work Practice Process Material Reference Test Method Type Code Description 4 286 Parameter Manufacturer Name / Model No. Code Description Beryllium feed rate Limit Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description Code Description Code Description Code Description	Intermitten	t Emission Testi	100710			Monitoring Work Prac	g of Process or ctice Involving S	Control Device pecific Operat	ons	rs as Surrogati	е		
The feed rate of Beryllium will be determined by a quarterly composite analysis of weekly grab samples. Work Practice Process Material Reference Test Method Type Code Description A 286 Manufacturer Name / Model No. Code Description Beryllium feed rate Limit Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description Code Description Code Description													
Type Code Description 4 286 Manufacturer Name / Model No. Code Description Manufacturer Name / Model No. Code Description Limit Limit Units Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description	The feed ra	ate of Berylli	ium will be d	etermine	d by			e analysis o	f weekly	grab sam	ples.		
Type Code Description 4 286 Manufacturer Name / Model No. Code Description Manufacturer Name / Model No. Limit Limit Units Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description	Work Practice			Proc	ess t	Material		_	1	Referen	ce Test Met	hod	
Parameter Manufacturer Name / Model No. Code Description Beryllium feed rate Limit Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description		-		2,100	2000				1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Parameter Manufacturer Name / Model No. Code Description Beryllium feed rate Limit Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description										-			
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Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description Code Description Code Description	Code			arannete		escription				manufacture	IN Name / IVI	0061 NO.	
Limit Units Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description Code Description Code Description			-	E	Bervlli	ium feed ra	ate						
Upper Lower Code Description Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description Code Description		I h	mit		7.11	1			Limit Dr	nits			
Averaging Method Monitoring Frequency Reporting Requirements Code Description Code Description Code Description	Upr			.ower		Cod	le I		20,100				
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Section IV - Emission Unit Information

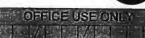


			Emiss	ion Un	it C	omplian	ce Certifica	ation (con	tinu	ation)		
							Citation			une,		
Title		Туре	Part	Sub Pa	art	Section	Sub Division	Paragraph	Sub	Paragraph	Clause	Sub Clause
6	N	IYCRR	374	1		8	g					
\boxtimes	Applicable	Federal Re	equirement	_ s	tate O	nly Requireme	ent	Capping				
Emissi		Emission Point	n Process	Emissio Source		CA	S No.			Contaminar	t Name	
KILI	1SG		KNF			744	0-43-9			Cadmi	пш	
					V	/lonitorir	ng Informa	tion				
Inte	ermittent l	Emission Mo Emission Te Monitoring				Work Pra	g of Process or Co ctice Involving Spe eeping / Maintena	ecific Operations		s as Surrogate		
						Des	scription					
The	feed ra	e of Cad	mium will be	determin	ned b	y a quarte	rly composite	analysis of v	veekly	grab sam	ples.	
Work F	ractice			Pr	ocess	Material				Referen	ce Test Met	hod
Ту	pe	Code				Description						
	\$	286										
				Parame	ter				1	Manufacture	r Name / Me	odel No.
	Code					Description						
					Cadn	nium feed ra	ite					
			Limit					Li	mit Un	its		
	Upper			Lower		Cod	е			Description		
	A	eraging M				Monitor	ring Frequency			Reportin	g Requirem	ents
Code		Des	cription		Code		Description		Code		Description	l .
					07							
Title		-					Citation	,				
Title		Туре	Part	Sub Pa	art	Section	Sub Division	Paragraph	Sub	Paragraph	Clause	Sub Clause
6		YCRR Federal Re	374	1		8	g					
Emission		Emission		Emission		nly Requireme		Capping				
Emissi	on Onit	Point	Process	Source		CA	S No.			Contaminan	t Name	
KILN	ISG		KNF			744	0-47-3			Chromi	um	
					N	onitorir	g Informat	ion				
Inte	ermittent (Emission Mo Emission Te Monitoring				Monitoring Work Prac	of Process or Co ctice Involving Spe eeping / Maintenar	ntrol Device Par cific Operations		s as Surrogate		
				_			cription	ice i roccodica	_			
The	feed rat	e of Chro	mium(T) will	he dete	rmine		arterly compos	ito analysis	of wo	okly grob o	amalas	-
_				55 4515		, a by a qui	arterly compos	nic allalysis	OI WE	ekiy grab s	amples.	
Work D	ractice			D	00000	Material				F./	-	
Ty	7.10	Code	_	PII	7 40 70 70	Description				Referen	ce Test Met	nod
4		286		-		Description	-					
		200		Parame	ter				-	Manufacture	e Manes / Ma	edel Na
	Code			1 didilic	-	Description			,	vianuracture	r Name / Mo	idel No.
				C		ium(T) feed	rate					
		1	_imit		· · · · · · · · · · · · · · · · · · ·	Tatri(1) loca	rate .	1 %	mit Un	ite		
	Upper			Lower		Code		LII	THE ON	Description		
					_			-		D O O O I PROTI		
	Av	eraging M	ethod			Monitor	ing Frequency		-	Penadia	Danis	nte
Code Description Code					Code	Monitoring Frequency Description			Reporting Requirements Code Description			
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		Emiss	ion Unit	Complian		ation (con	tinuat	ion)		
					Citation					
	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Pa	aragraph	Clause	Sub Clause
	YCRR	374	1	8	g					
	Federal Requ	,		e Only Requireme	ent	Capping				
Emission Unit	Emission Point	Process	Emission Source	CA	S No.		Co	ontaminan	t Name	
KILNSG	Tonic	KNF	Cource	773	8-94-5		0	hromic (V	I) Acid	· · · · · · · · · · · · · · · · · · ·
					ng Informa	tion		mornic (v	i) Acid	
	Emission Mon Emission Test Monitoring			☐ Monitoring ☐ Work Prac ☐ Record Ke	g of Process or Co ctice Involving Sp eeping / Maintena scription	ontrol Device Par ecific Operations		s Surrogate		
The feed rat	e of Chron	nium(VI) wi	ll be deter	mined by a qu	arterly compo	osite analysis	of wee	kly grab s	samples.	
Work Practice	-		Proc	ess Material				Referen	e Test Met	and
Туре	Code			Description				ACIGICIA	~ TOST MICH	100
4	286							-		
			Paramete	r		-	Ma	nufacture	r Name / Mo	del No
Code				Description		-	1415		Traine / Inc	, GOI 110.
-			Chr	omium(VI) feed	rate					
	Lir	mit			-	Lii	mit Units			
Upper			Lower	Code	в		_	escription		
	-									
Av	eraging Me	thod		Monitor	ring Frequency			Reporting	Requireme	onte
Code	Descri		Co		Description			reporting	Description	
			0		7		Code		Coorphon	
					Citation	1				
Title	Туре	Part	Sub Part		Sub Division	Paragraph	Sub Dr	ragraph	Clause	Sub Claus
	YCRR	374	1	8		raragrapii	30016	iragrapii	Clause	Sub Claus
	Federal Requ			e Only Requireme	g ent	Capping				
Emission Unit	Emission	Process	Emission		S No.	Саррыя	C	ntaminan	Manna	
Linionen enit	Point	1100033	Source	OA.	S 140.		C	ntamman	Name	
KILNSG		KNF		744	0-50-8			Coppe	r	
Continuous E Intermittent E Ambient Air f		_		Monitoring Work Prac	ng Informa g of Process or Co ctice Involving Sp eeping / Maintena	ontrol Device Par ecific Operations		s Surrogate		
					scription					
The feed rat	e of Coppe	er will be de	etermined	by a quarterly	composite ar	nalysis of we	ekly gra	b sample	S.	
Work Practice			Proc	ess Material		-	-	Reference	e Test Meti	nod
Туре	Code			Description					10.0010	
4	286							-		
		-	Paramete	r	-		Ma	nufacture	Name / Mo	del No.
Code				Description						
				Copper feed rate	e					
	Lir	mit				Lir	nit Units		-	
Upper			Lower	Code	в			escription		
	eraging Me				ing Frequency			Reporting	g Requireme	ents
	Deecci	ממומ	Co	76	Description		Code		Description	
Code	Descri	ption	0		Description	4	COGO		Description	

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Section IV - Emission Unit Information



		Emissi	on Un	it Cor	nplian	ce Certific	ation (con	tinua	ition)		
					Rule	Citation					
Title	Туре	Part	Sub Pa	rt S	Section	Sub Division	Paragraph	Sub I	Paragraph	Clause	Sub Clause
6	NYCRR	374	1		8	g					
	le Federal Req	The state of the s			Requireme	ent	Capping				
Emission Unit	Emission Point	Process	Emissio Source	7.0	CA	S No.		(Contaminant	Name	
KILNSG		KNF			743	9-92-1			Lead		-
				Mo	nitorir	ig Informa	tion				
Intermitten	Emission Mor Emission Test Monitoring				Work Prac	of Process or Cotice Involving Speeping / Maintena	ecific Operations		as Surrogate		
					Des	cription					
The feed ra	ate of Lead	will be deter	mined b	y a qua	arterly co	mposite ana	ysis of week	ly grab	samples.		
Work Practice			Pro	cess M	aterial				Reference	e Test Meth	nod
Туре	Code			De	scription						
4	286										
			Paramet	er				N		Name / Mo	del No.
Code				De	scription						
				Lead	feed rate						
	Li	mit					Lir	mit Unit	S		
Upp	er	L	ower		Code		10-W		Description		
								-		-	
1	veraging Me	thod			Monitor	ing Frequency			Reporting	Requireme	inte
Code	Descri		C	ode		Description		Code	(Cpc,,	Description	
		-		07				-			
					Dule	Citation			-		
Title	Туре	Part	Sub Par	1 0	Section	Sub Division	Paragraph	Car	20000000	01-	0.101
	NYCRR	374	1		8		Faragraph	Sub F	Paragraph	Clause	Sub Clause
	le Federal Requ			ate Only	Requireme	g nt	Capping				
Emission Unit	Emission	Process	Emissio			S No.	Поврыя				
	Point	FIUCESS	Source		UA	5 No.		C	Contaminant	Name	
KILNSG		KNF			7439	9-97-6			Mercur	у	
				Mo	nitorin	g Informa	tion				
	Emission Mon Emission Test Monitoring				Monitoring Work Prac	of Process or Co ctice Involving Speeping / Maintena	ecific Operations		as Surrogate		
						cription	100 1 1000	_			
The feed ra	te of Mercu	rv will he de	termine	d hv a	quarterly	composite a	calvair of wa	alde a			-
-			tomme	u 0, L	quarterry	Composite a	ildiyələ Ol Wo	ekiy gi	rau sample		
Work Practice			D	14	Sec. 10. 1						
Type	Code		Pro	cess M	24, 35, 4747				Referenc	e Test Meth	od
				De	scription						
4	286										
			Paramete					M	lanufacturer	Name / Mo	del No.
Code					scription						
				Mercur	y feed rate	e					
		mit					Lir	nit Unit	S		
Uppe	er	Lo	ower		Code				Description		
	veraging Met				Monitori	ing Frequency			Reporting	Requireme	nts
Code	Descri	ption	C	ode		Description		Code		Description	
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		Emiss	ion U	nit C	omplian	ce Cert	fica	ation (con	tinu	ation)			
					Rule	Citatio	n						
Title	Туре	Part	Sub	Part	Section	Sub Divi	sion	Paragraph	Sub	Paragraph	Clause	Sub Clause	
	NYCRR	374	1	-	8	g							
	Emission		Emis		Only Requireme			Capping					
Emission Unit	Point	Process	Sou		CA	S No.		Contaminant Name					
KILNSG		KNF			744	0-02-0				Nicke	1		
					Monitorir	ng Infor	ma	tion					
	Emission Mon Emission Test Monitoring				Work Prac	ctice Involvin	g Spe	ontrol Device Pa ecific Operations nce Procedures		s as Surrogate			
						scriptio							
The feed ra	te of Nickel	will be det	ermine	ed by	a quarterly o	composite	ana	llysis of wee	kly gra	ab samples			
Work Practice	T			Proces	s Material			1		Referen	e Test Meth	and	
Туре	Code				Description	-	-	-		Neieren	e rest wet	lou	
4	286		-										
			Paran	neter		-			1	Manufacture	Name / Mo	del No.	
Code					Description								
				Ni	ckel feed rate	•							
	Lir	mit						Li	mit Un	its			
Uppe	r		Lower		Code	В				Description			
A	veraging Me	thod			Monitor	ring Freque	ncv		-	Reporting	Requireme	nte	
Code	Descri			Code	T. C.	Description			Code	reporting	Description		
				07							-		
					Rule	Citatio	n						
Title	Туре	Part	Sub I	Part	Section	Sub Divi		Paragraph	Sub	Paragraph	Clause	Sub Clause	
	YCRR	374	1		8	g							
	Federal Requ	uirement			Inly Requireme	ent		Capping					
Emission Unit	Emission Point	Process	Emis		CA	S No.				Contaminant	Name		
KILNSG		KNF			778:	2-49-2			_	Seleniu	m		
					Monitorin	a Infor	mai	tion					
-	Emission Moni Emission Testi Monitoring				☐ Monitoring ☐ Work Prac	of Process ctice Involvin	or Co g Spe	introl Device Par ecific Operations nce Procedures		s as Surrogate	69		
						criptio							
The feed ra	te of Seleni	ium will be	determ	nined	by a quarter	ly compo	site :	analysis of w	eekly	grab samp	les.		
Work Practice													
Type	Code			roces	s Material Description		_			Reference	e Test Meth	od	
4	286			_	Description					-			
	200		Param	neter			_	-	-	Manufacturer	Nama / Ma	dol No	
Code					Description					via iui acturei	Ivame / Ivio	del No.	
				Sele	enium feed ra	te							
	Lir	nit						Lit	mit Uni	ts			
Upper			Lower		Code	9				Description			
						-1 00							
	veraging Met				Monitor	ing Freque	_			Reporting	Requireme		
Code	Descri	PHON		Code		Description	on		Code		Description		
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			Emiss	ion U	nit C	ompliand	e Certific	ation (con	tinuatio	on)			
							Citation						
Title		Туре	Part	Sub F	art	Section	Sub Division	Paragraph	Sub Para	graph	Clause	Sub Clause	
6		YCRR	374	1		8	g						
		Federal Re				nly Requiremen	nt	Capping					
Emission	Unit	Emission Point	Process	Emiss Sour		CAS	S No.		Contaminant Name				
KILNS	G		KNF			7440)-22-4			Silve	r		
					1	Monitorin	g Informa	tion					
Intern	nittent E	mission Mo mission Te Monitoring	•			Work Prac	tice Involving Sp eping / Maintena	ontrol Device Par ecific Operations ince Procedures		Surrogate			
T1 6						Des	cription						
I ne rec	ed rate	e of Silve	er will be dete	ermined	by a	quarterly co	omposite ana	llysis of week	ly grab sa	amples			
Work Pra	ctice			F	rocess	Material	-	1	F	Referen	ce Test Meth	nod	
Туре		Code				Description						17.0	
4		286											
				Param	eter				Manu	ıfacture	r Name / Mo	del No.	
	Code					Description							
					Sil	ver feed rate							
		1	Limit					Lir	nit Units				
	Upper			Lower		Code			Des	cription			
	Av	eraging M	lethod			Monitori	ng Frequency		-	anadia	Doguisana	and a	
Code	, , ,		cription	-	Code	WOULD	Description		Code	еропп	Requireme Description		
					07						Dood (prior)		
						Pula	Citation						
Title	1	Гуре	Part	Sub F	art	Section	Sub Division	Paragraph	Sub Para	oraph	Clause	Sub Clause	
6	N'	YCRR	374	1		8	g			g.c.p	01000	Out Clause	
X App	olicable	Federal Re	quirement		State O	nly Requiremen	nt	Capping					
Emission	Unit	Emission Point	Process	Emiss	2000	CAS	S No.		Cont	aminan	t Name		
KILNS	G		KNF			7440	-28-0			Thalliu	m		
					N	Ionitorin	g Informa	tion		1110000			
Interm	nittent E	mission Mo mission Te lonitoring				Monitoring	of Process or Co	ontrol Device Par ecific Operations	ameters as S	Surrogate			
							cription						
The fee	ed rate	of Thall	lium will be d	letermir	ned by	a quarterly	composite a	analysis of we	ekly grab	sampl	es.		
Work Pra	ctice			-	ross	Motorial							
Type	cuce	Code			rucess	Material Description			F	keterend	e Test Meth	od	
4		286		-		- add iption		-	-				
				Param	eter			-	Mani	ifacture	Name / Mo	del No	
	Code	- 1				Description			wiant		. Turilo / IVIO	201110.	
					Thal	lium feed rate	9						
		L	imit					Lir	nit Units				
				Lower		Code			Desc	ription			
	Upper				-								
Code		eraging M			Code	Monitori	ng Frequency		R	eporting	Requireme Description	nts	

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		Emiss	ion l	Jnit C	omplian	ice Cr	ertifica	ation (con	tinu	ation)		
					Rule	e Cita	ation					
Title	Туре	Part		Part	Section	Sub	Division	Paragraph	Sub	Paragraph	Clause	Sub Clause
	NYCRR	374	1	-	8		g					
	le Federal Requ				Only Requireme	_		Capping				
Emission Unit	Emission Point	Process		ssion urce		AS No.				Contaminant		
KILNSG		KNF				40-66-6				Zinc (fume o	or dust)	
	s Emission Monit t Emission Testi r Monitoring				Work Pra	ng of Proc actice Invo Keeping /	cess or Cor volving Spe / Maintenan	tion ontrol Device Par ecific Operations nce Procedures	s	s as Surrogate	ž	
The feed ra	ate of Zinc w	vill be deter	rminec	l by a c		script omposit		sis of weekly	y grab	samples.		
Work Practice				Proces	s Material					Referen	ce Test Meth	hod
Туре	Code				Description							,62
4	286		-			-						
			Parar	meter					1	Manufacture	r Name / Mo	odel No.
Code					Description							
				Z	inc feed rate	a						
	Lir	mit						Li	imit Uni	iits		
Uppe	ar		Lower		Cod	de				Description		
4	haraging Me	thad	-		Monito	ring Fre	77110001			Panortin	- Daguirem	4-
Code	Averaging Met			Code	Monno		equency scription	-	Code	Reporting	g Requireme Description	
Code	Ar vice- ,	plion		07	1	D0.	Cription		Coue	-	Description.	1
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Title	Туре	Part	Sub	Part	Section	le Cita	ation Division	Paragraph	Touh	Paragraph	Clause	Sub Claus
	NYCRR	374	-	1	Section 8	Jub .	h	Palagrapii	Sub	Paragraph	Clause	Sub Ciaus
	le Federal Requ			-	Only Requireme	rent	п	Capping				
Emission Unit		Process	1	ssion urce		AS No.				Contaminan	it Name	
KILNSG	1 200	KNF	-	**C	778	82-50-5				Chlorin	ne	-
	1			1	Monitorii	CALL THE CALL		tion				
Intermittent	s Emission Moni t Emission Testi r Monitoring				Monitorin Work Pra	ng of Proc actice Invi Keeping /	cess or Convolving Spe / Maintenar	ontrol Device Par ecific Operations nce Procedures	s	s as Surrogate	3	
						scrip					16.4	
The feed ra	ate of Chloring ery will be ar	ne will be d nalyzed foll	leterm lowing	ined fr Part 3	om results 373 method	of total lology.	l haloge	en content ar	nalysis	s. A sample	e from eac	h fuel
Work Practice	0			Proces	ss Material					Referen	ice Test Meti	hod
Туре	Code				Description							
4	286											
			Parar	meter					7	Manufacture	er Name / Mr	odel No.
Code					Description							
				Chi	lorine feed ra	ate						
	Lir	imit						Li	imit Uni	iits		
Upp	er		Lower		Cod	de	1			Description		
P	Averaging Met	thod			Monito	oring Fr	equency			Reportin	ng Requireme	ents
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		Emiss	ion Unit C	omplian	ce Certifica	tion (con	tinuation)		
					e Citation				
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	374	1	8	h				
X Applica	able Federal Requ	uirement	State 0	Only Requireme	ent	Capping			***
Emission Ur	enit Emission Point	Process	Emission Source	CA	S No.		Contaminant	Name	
KILNSG		KNF		764	7-01-0		Hydrogen cl	hloride	
				Monitori	ng Informat	ion			
Intermitte	ous Emission Mon ent Emission Test Air Monitoring			Work Pra	g of Process or Co actice Involving Spe Geeping / Maintenar	cific Operations	ameters as Surrogate		
				De	scription				
Work Practi	very will be a	nalyzed for		s Material	ology.		Reference	æ Test Metl	nod
Туре	Code			Description					
4	286								
			Parameter				Manufacture	Name / Mo	del No.
Cor	de			Description					
		-	Ch	lorine feed ra	ite				
	Li	mit				Li	mit Units		
U	pper	1	Lower	Cod	de		Description	-	
			VV.						
	Averaging Me	thod		Monito	ring Frequency		Reporting	g Requireme	ents
Code	Descr	iption	Code		Description		Code	Description	



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Section IV - Emission Unit Information (continued)

					Rule Cita	tion						
Title		Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Claus		
40		CFR	60	E	50			000 / 0.00	0.000			
Emission	Unit	Emission	Point	Process	Emissio	n Source		Applicable Federa	al Requirement	1		
KILNS	G			KHF				State Only Requir	ate Only Requirement			
					Descript	tion						
					Rule Cita	tion						
Title		Type	Part	Sub Part	Rule Cita Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Claus		
Title		Type CFR	Part 60				Parag.	Sub Parag.	Clause	Sub Claus		
40			60	Sub Part	Section 50			Sub Parag. Applicable Federa				
0.100.00	Unit	CFR	60	Sub Part E	Section 50	Sub Division			al Requirement	Sub Claus		
40 Emission	Unit	CFR	60	Sub Part E Process	Section 50	Sub Division n Source		Applicable Federa	al Requirement			

		Process Emission	ns Sun	nmary		\times	Continuation	Sheet(s)
EMISSION UNIT	K I L N S G						PROCES	S KCC
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
NY075-00-0	Particulates						29.229	4
	PTE		100.000	dard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deten	mined	(lb/hr)	(lb/yr)
29.229	256042	0.05	gr/c	dscf		4		
EMISSION UNIT	K I L N S G						PROCES	S K H F
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
00630-08-0	Carbon monoxide						38.89	4
	PTE		Star	ndard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deten	mined	(lb/hr)	(lb/yr)
38.89	340676	100	рр	mv		4		
EMISSION UNIT	K I L N S G						PROCES	SKHF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
07439-92-1	Lead						0.00087	4
	PTE		Star	ndard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deter	mined	(lb/hr)	(lb/yr)
0.00087	7.6	1272.6	mg	g/kg		4		

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EMISSION UNIT	K I L N S G	ss Emissions Sum	illially (Jonana	ation)		PROCESS	17/17/17
CAS	KITITIAISIG	Cantaminant		0/ - 6	0/ 6	0/ 0		26 15 3 1 3
No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07439-97-6	Mercury						0.106	4
	PTE		Stan	dard	PTE	How	Actual	
(lb/hr)	(lb/yr)	(standard units)	Un	its	Deterr	mined	(lb/hr)	(lb/yr)
0.106	940	51.6	mg	/kg	4	1		
EMISSION UNIT	K I L N S G						PROCESS	K H E
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07440-02-0	Nickel						0.02	4
	PTE		Stan	dard	PTE	How	Ac	tual
(lb/hr)	(lb/yr)	(standard units)	Un		Deten		(lb/hr)	(lb/yr)
0.02	170	1366	mg	/kg	4	1		3 7 6
EMISSION UNIT	K I L N S G						PROCESS	KHF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07440-22-4	Silver						0.001	4
-	PTE		Stan	indard		How	Ac	tual
(lb/hr)	(lb/yr)	(standard units)	Units		Determined		(lb/hr)	(lb/yr)
0.001	10.6	58.7	mg	/kg	4			
EMISSION UNIT	K I L N S G						PROCESS	S K H F
CAS		Contaminant		% of	% of	% of	ERP	ERP How
No.		Name		Thruput	Capture	Control	(lb/hr)	Determine
07440-28-0	Thallium	-	•				0.00014	4
	PTE		Stan	dard	PTE	How	Ac	tual
(lb/hr)	(lb/yr)	(standard units)	Ur	its	Deten	mined	(lb/hr)	(lb/yr)
0.00014	1.26	113	mg	/kg	4	1		
EMISSION UNIT	K I L N S G						PROCES	SKHI
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07440-36-0	Antimony						0.002	4
	PTE		Stan	dard	PTE	How	Ac	tual
(lb/hr)	(lb/yr)	(standard units)		nits	Deter		(lb/hr)	(lb/yr)
0.002	14.2	103.92	mg	/kg	4	1		, , ,
EMISSION UNIT	K I L N S G						PROCES	SKHI
CAS	, , , , , , , , , , , , , , , , , , , ,	Contaminant		% of	% of	% of	ERP	ERP How
No.		Name		Thruput	Capture	Control	(lb/hr)	Determine
07440-38-2	Arsenic						0.00084	4
	PTE			dard	PTE How		Actual	
(lb/hr)	(lb/yr)	(standard units)	Ur	nits		mined	(lb/hr)	(lb/yr)
0.00084	7.4	154	-	/kg		4		



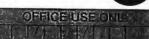
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EMISSION UNIT	K I L N S G						PROCES	and and a
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
07440-39-3	Barium						0.002	4
	PTE		Stan	dard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Un	nits	Deter	mined	(lb/hr)	(lb/yr)
0.002	13.4	814	mg	/kg	- 4			
EMISSION UNIT	K I L N S G						PROCES	SKHF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
07440-41-7	Beryllium						0.00013	4
	PTE		Stan	dard	PTE	How	A/	ctual
(lb/hr)	(lb/yr)	(standard units)	Un	nits	Deten	mined	(lb/hr)	(lb/yr)
0.00013	1.1	8.36	mg	/kg	4			
EMISSION UNIT	K I L N S G						PROCES	SKHF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
07440-43-9	Cadmium						0.002	4
	PTE	Standard			PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Un	nits	Determined		(lb/hr)	(lb/yr)
0.002	14.6	74.26	mg	/kg	-			1
EMISSION UNIT	K I L N S G						PROCES	SKHF
CAS		Contaminant		% of	% of	% of	ERP	ERP How
No.		Name		Thruput	Capture	Control	(lb/hr)	Determined
07440-47-3	Chromium						0.003	4
	Omoman							
	PTE		Stan	dard	PTE	How	A	ctual
(lb/hr)		(standard units)		dard nits	PTE Deten		(lb/hr)	ctual (lb/yr)
(lb/hr) 0.003	PTE	(standard units) 568.7	Ur		Deten			1
	PTE (lb/yr)		Ur	nits	Deten	mined	(lb/hr)	(lb/yr)
0.003	PTE (lb/yr) 26		Ur	nits	Deten	mined		(lb/yr)
0.003 EMISSION UNIT	PTE (lb/yr) 26	568.7 Contaminant	Ur	nits /kg % of	Deten	mined W of	(lb/hr) PROCES	(lb/yr) S K H F ERP How
0.003 EMISSION UNIT CAS No.	PTE (lb/yr) 26 K I L N S G Copper	568.7 Contaminant	Ur	% of Thruput	% of Capture	% of Control	(lb/hr) PROCES ERP (lb/hr) 0.001	(lb/yr) S K H F ERP How Determined
0.003 EMISSION UNIT CAS No.	PTE (lb/yr) 26 K I L N S G Copper	568.7 Contaminant Name	Ur	% of Thruput	Deten	% of Control	PROCES ERP (lb/hr) 0.001	(lb/yr) S K H F ERP How Determined 4
0.003 EMISSION UNIT CAS No. 07440-50-8	PTE (lb/yr) 26 K I L N S G Copper	568.7 Contaminant	Ur mg Stan Ur	% of Thruput	% of Capture	% of Control	(lb/hr) PROCES ERP (lb/hr) 0.001	(lb/yr) S K H F ERP How Determined
0.003 EMISSION UNIT CAS No. 07440-50-8 (lb/hr) 0.001	PTE (lb/yr) 26 K I L N S G Copper PTE (lb/yr) 11.6	Contaminant Name (standard units)	Ur mg Stan Ur	% of Thruput dard	% of Capture PTE Determ	% of Control	(lb/hr) PROCES ERP (lb/hr) 0.001 Ar (lb/hr)	(lb/yr) S K H F ERP How Determined 4 ctual (lb/yr)
0.003 EMISSION UNIT CAS No. 07440-50-8 (lb/hr)	PTE (lb/yr) 26 K I L N S G Copper PTE (lb/yr)	Contaminant Name (standard units) 2341 Contaminant	Ur mg Stan Ur	% of Thruput dard nits //kg	% of Capture PTE Determ	% of Control How mined % of	(lb/hr) PROCES ERP (lb/hr) 0.001 Ar (lb/hr) PROCES ERP	S K H F ERP How Determined 4 ctual (lb/yr) S K H F
0.003 EMISSION UNIT CAS No. 07440-50-8 (lb/hr) 0.001 EMISSION UNIT CAS No.	PTE (lb/yr) 26 K I L N S G Copper PTE (lb/yr) 11.6 K I L N S G	Contaminant Name (standard units) 2341	Ur mg Stan Ur	% of Thruput dard nits	% of Capture PTE Determ	% of Control How mined	(lb/hr) PROCES ERP (lb/hr) 0.001 Ar (lb/hr) PROCES ERP (lb/hr)	S K H F ERP How Determined 4 ctual (lb/yr) S K H F ERP How Determined
0.003 EMISSION UNIT CAS No. 07440-50-8 (lb/hr) 0.001 EMISSION UNIT CAS	PTE (lb/yr) 26 K I L N S G Copper PTE (lb/yr) 11.6 K I L N S G	Contaminant Name (standard units) 2341 Contaminant	Ur mg Stan Ur mg	% of Thruput dard nits //kg % of Thruput	% of Capture PTE Determ % of Capture	% of Control How mined % of Control	(lb/hr) PROCES ERP (lb/hr) 0.001 Ar (lb/hr) PROCES ERP (lb/hr) 0.064	(lb/yr) S K H F ERP How Determined 4 ctual (lb/yr) S K H F ERP How Determined 4
0.003 EMISSION UNIT CAS No. 07440-50-8 (lb/hr) 0.001 EMISSION UNIT CAS No.	PTE (lb/yr) 26 K I L N S G Copper PTE (lb/yr) 11.6 K I L N S G	Contaminant Name (standard units) 2341 Contaminant	Stan Ur mg	% of Thruput dard nits //kg	% of Capture PTE Determ	% of Control We of Control We of Control We have the control We have the control of the control We have the control of th	(lb/hr) PROCES ERP (lb/hr) 0.001 Ar (lb/hr) PROCES ERP (lb/hr) 0.064	S K H F ERP How Determined 4 ctual (lb/yr) S K H F ERP How Determined



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EMISSION UNIT	K I L N S G	ess Emissions Sun	11101)	Jonana	ation		DDOOCE	o Irriania
CAS	1111111110	Contaminant		0/ -6	0/ /		PROCES	
No.		Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07446-09-5	Sulfur dioxide (SO2)						60	4
	PTE		Star	dard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deter	mined	(lb/hr)	(lb/yr)
60	525600					4		
EMISSION UNIT	K I L N S G						PROCES	SKHI
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07647-01-0	Hydrogen chloride						4.6	4
	PTE		Star	dard	PTF	How	Α	ctual
(lb/hr)	(lb/yr)	(standard units)	Ur	nits		mined	(lb/hr)	(lb/yr)
4.6	40296					4	, , , , ,	1 ()
EMISSION UNIT	K I L N S G						PROCES	SKHP
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07738-94-5	Chromic (VI) Acid						0.000096	4
	PTE		Stan	dard	PTE	How	Α.	ctual
(lb/hr)	(lb/yr)	(standard units)		Units		mined	(lb/hr)	(lb/yr)
0.000096	0.84					4	()	(,./
EMISSION UNIT	K I L N S G					_	PROCES	SKHF
CAS		Contaminant		% of	% of	% of	ERP	ERP How
No.		Name		Thruput	Capture	Control	(lb/hr)	Determine
07782-49-2	Selenium						0.001	4
	PTE		Stan	dard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Ur	its	Deten		(lb/hr)	(lb/yr)
0.001	10.2	50.8	mg	/kg		4		
EMISSION UNIT	K I L N S G						PROCES	SKHF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07782-50-5	Chlorine						0.062	4
	PTE		Stan	dard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Un		Deten		(lb/hr)	(lb/yr)
0.062	540				-	1	(3.5.7)	(10.7.7
EMISSION UNIT	K I L N S G						PROCES	SKHF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
NY075-00-0	Particulates					03.11101	65.83	
	PTE		Ch-	doed	577	11-0		4
			Stan	ualu	PTE	HOW	I A	ctual
(lb/hr)	(lb/yr)	(standard units)	Un	its	Deter	mined	(lb/hr)	(lb/yr)



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EMISSION UNIT	K I L N S G	ss Emissions Sum				*****	PROCES	SKHF	
CAS		Contaminant		% of	% of	% of	ERP	ERP How	
No.		Name		Thruput	Capture	Control	(lb/hr)	Determine	
NY210-00-0	Nitrogen oxides (NOx)						122	4	
	PTE			dard	PTE	How	Actual		
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deten	mined	(lb/hr)	(lb/yr)	
122	1068720				4	1			
EMISSION UNIT	K I L N S G						PROCES	SKNI	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
00630-08-0	Carbon monoxide						194.46	4	
	PTE		Stan	dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deten	mined	(lb/hr)	(lb/yr)	
194.46	1703470	500	рр	mv	4	1			
EMISSION UNIT	K I L N S G						PROCES	SKNE	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07439-92-1	Lead						0.00087	4	
	PTE		Stan	dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Units		Determined		(lb/hr)	(lb/yr)	
0.00087	7.6	174.6	mg	mg/kg 4					
EMISSION UNIT	K I L N S G						PROCES	SKNF	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07439-97-6	Mercury						0.106	4	
	PTE		Stan	dard	PTE	How	I Ac	ctual	
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deter	mined	(lb/hr)	(lb/yr)	
0.106	940	1.6	mg	/kg	4				
EMISSION UNIT	K I L N S G						PROCES	SKNI	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-02-0	Nickel						0.02	4	
	PTE		Stan	dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)		nits	Deten		(lb/hr)	(lb/yr)	
0.02	170	190	mg	ı/kg	4				
EMISSION UNIT	K I L N S G						PROCES	SKNI	
CAS No.		Contaminant Name	- X	% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-22-4	Silver						0.001	4	
	PTE St			dard	PTE	How		ctual	
(lb (be)	(lb/yr)	(standard units)		nits		mined	(lb/hr)	(lb/yr)	
(lb/hr)	/	(



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EMISSION UNIT	K I L N S G						PROCES	SKNF	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-28-0	Thallium						0.00014	4	
	PTE		Stan	dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Un	its	Deten	mined	(lb/hr)	(lb/yr)	
0.00014	1.26	15	mg.	/kg	4	1			
EMISSION UNIT	K I L N S G						PROCESS K N		
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-36-0	Antimony						0.002	4	
	PTE		Stan	dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Un	its		mined	(lb/hr)	(lb/yr)	
0.002	14.2	5.92	mg	/kg		1			
EMISSION UNIT	K I L N S G						PROCES	SKNF	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-38-2	Arsenic		-				0.00084	4	
	PTE			dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Un			mined	(lb/hr)	(lb/yr)	
0.00084	7.4	106	mg	/kg	4			1	
EMISSION UNIT	K I L N S G						PROCES	SKNF	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-39-3	Barium						0.002	4	
	PTE		Stan	dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Un	its	Deter	mined	(lb/hr)	(lb/yr)	
0.002	13.4	520	mg	/kg		4			
EMISSION UNIT	K I L N S G						PROCES	SKNE	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-41-7	Beryllium						0.00013	4	
	PTE		Stan	dard	PTE	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Un			mined	(lb/hr)	(lb/yr)	
0.00013	1.1	6	mg	/kg		4			
EMISSION UNIT	K I L N S G						PROCES	SKN	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine	
07440-43-9	Cadmium						0.002	4	
	PTE		Stan	dard	PTE How			ctual	
						mined			
(lb/hr)	(lb/yr)	(standard units)	UI	iits	Detel	milea	(lb/hr)	(lb/yr)	



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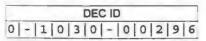
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EMISSION UNIT	K I L N S G						PROCESS	KNF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
07440-47-3	Chromium						0.003	4
	PTE		Stan	dard	PTE	How	Ac	tual
(lb/hr)	(lb/yr)	(standard units)	Un	its	Deten	mined	(lb/hr)	(lb/yr)
0.003	26	255.4	mg	/kg	4			
EMISSION UNIT	K I L N S G						PROCES	SKNF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined
07440-50-8	Copper						0.001	4
	PTE		Stan	dard	PTE	How	Ac	tual
(lb/hr)	(lb/yr)	(standard units)	Un	its	Deter	mined	(lb/hr)	(lb/yr)
0.001	11.6	381	mg	/kg	4			
EMISSION UNIT	K I L N S G						PROCES	SKNF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07440-66-6	Zinc (fume or dust)						0.064	4
	PTE		Stan	dard	PTE	How	I Ac	ctual
(lb/hr)	(lb/yr)	(standard units)	Un		3-10-2	mined	(lb/hr)	(lb/yr)
0.064	560	997.2	mg	/kg		1		
EMISSION UNIT	K I L N S G						PROCES	SKNF
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07446-09-5	Sulfur dioxide (SO2)						60	4
	PTE		Stan	dard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)	Ur	nits	Deter	mined	(lb/hr)	(lb/yr)
60	525600					1		-
EMISSION UNIT	K I L N S G						PROCES	SKN
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07647-01-0	Hydrogen chloride						4.6	4
	PTE		Stan	dard	PTE	How	A	ctual
(lb/hr)	(lb/yr)	(standard units)		nits	1	mined	(lb/hr)	(lb/yr)
4.6	40296					4		
EMISSION UNIT	K I L N S G						PROCES	SKN
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determine
07738-94-5	Chromic (VI) Acid						0.000096	4
	PTE	TE Standard PTE How			How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)		nits		mined	(lb/hr)	(lb/yr)
0.000096	0.84					4		•



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	Proce	ss Emissions Sur	ımary (continua	ation)				
EMISSION UNIT	K I L N S G						PROCES	SKNF	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined	
07782-49-2	Selenium						0.001	4	
· - · · · - · -	PTE		Stan			How	Actual		
(lb/hr)	(lb/yr)	(standard units)	Units		Deten	mined	(lb/hr)	(lb/yr)	
0.001	10.2	2.4	mg	/kg	4	1			
EMISSION UNIT	K I L N S G						PROCES	S K N F	
CAS No.	1	Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined	
07782-50-5	Chlorine						0.062	4	
	PTE	Stan	ndard	PTE	How	Actual			
(lb/hr)	(lb/yr)	(standard units)	Units		Deter	mined	(lb/hr)	(lb/yr)	
0.062	540				4	4			
EMISSION UNIT	K I L N S G	<u>-</u>					PROCES	S KNF	
CAS		Contaminant		% of	% of	% of	ERP	ERP How	
No.		Name		Thruput	Capture	Control	(lb/hr)	Determined	
NY075-00-0	Particulates				L		65.83	4	
	PTE			ndard	1	PTE How		ctual	
(lb/hr)	(lb/yr)	(standard units)		nits		Determined		(lb/yr)	
65.83	576670	0.08	gr/e	dscf		4	ļ		
EMISSION UNIT	K I L N S G						PROCES	S K N F	
CAS No.		Contaminant Name		% of Thruput	% of Capture	% of Control	ERP (lb/hr)	ERP How Determined	
NY210-00-0	Nitrogen oxides (NOx)			1			122	4	
	PTE			ndard	1	How	A	ctual	
(lb/hr)	(lb/yr)	(standard units)	Uı	nits	Deter	mined	(lb/hr)	(lb/yr)	
122	1068720					4			





Section IV - Emission Unit Information

	Emission Ur	nit Description		Continuation Sheet(s
MISION UNIT M I S	CES			
	and unloading of product, Kiln feed and ri stem, future screen, conveyor and pelletiz		er operations, unloadi	ing of fuel, drum
	Bui	lding		Continuation Sheet(s
Building	Building Name	Iding Length (ft)	Width (ft)	Continuation Sheet(s
Building B-2			Width (ft)	
	Building Name		Width (ft)	

		Emission Poir	nt		ontinuation Sheet(s	
0 0 0 0 7						
Height	Height Above	Inside Diameter	Exit Temperature	Cross S	Section	
(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
0 0 0 0 8						
Height	Height Above	Inside Diameter	Exit Temperature	Cross Section		
(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
Exit Flow	NYTM (E)	NYTM (N)	Building	Distance to	Date of	
	Height (ft) Exit Flow (ACFM) 0 0 0 0 8 Height	O O O 7 Height Above (ft) Structure (ft)	O O O 7	Height	Height (ft)	

				Emissi	on Source	e / Control		Continuation Sheet(:
Emission So	ource	Date of			Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	rer's Name / Model No
CARB1	K				48		Tigg Corp./Nixtox N3000	
Design		Design Capacity Units			Waste Feed		Waste Type	
Capacity Code	Description		Code	Description	Code	Description		
Emission Source		Date of	Date of Date of		Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	urer's Name / Model No
FPJCC	K					Pulse-Jet Cartridge	ВНА	
Design		Design Capacity Units			Waste Feed		Waste Type	
Capacity	Code	Description		Code	Description	Code	Description	

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Section IV - Emission Unit Information

		Emissio	on Point (cont	inuation)			
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 1	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S	ection	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
220	24	0	10	100			
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
65.8	2154						
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 21	
Ground Elevation	Height	Height Above	Inside Diameter	Cross S			
(ft)	(ft)	Structure (ft)	(in)	Exit Temperature (°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 2 1	
Ground Elevation	Height			Exit Temperature	Cross Section		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210			0				
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	T alalalal	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature			
(ft)	(ft)	Structure (ft)	(in)	(°F)	Cross S Length (in)	Width (in)	
210				, , ,	Longin (iii)	vvidat (iii)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S						
Ground Elevation		Heleht Abassa	Track Branch	Te ve	EMISSION POIN		
(ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temperature (°F)	Cross S		
210			()	117	Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
, ,	V. S. M.	V. 3317	(, 40)		r roperty Line (it)	Veilloyat	
EMISSION UNIT	M I S C E S	•			EMISSION POIN	TOLOLOLAL	
	Height	Height Above	Inside Diameter	Exit Temperature	Cross S		
Ground Elevation	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
(ft)			-	-	gur (III)	Trictii (iii)	
					1		

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		Emissio	on Point (cont	inuation)		-	
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 3	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Section		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S	-	1		EMISSION POIN	T 0 0 0 4	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se		
(ft) (ft)		Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 4 1	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Section		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				FMISSION BOIN	T 0 0 0 0 1 0 1	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	EMISSION POIN	, , , ,	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Cross Se	Width (in)	
210					(,	Tribuit (my	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	TOLOIOIAL	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	

Inside Diameter

(in)

7

NYTM (N)

(KM)

Exit Temperature (°F)

70

Building

Height

(ft)

12

Exit Flow

(ACFM)

1500

Height Above

Structure (ft)

12

NYTM (E)

(KM)

Ground Elevation

(ft)

210

Exit Velocity

(FPS)

93.5

Cross Section

Width (in)

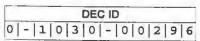
Date of

Removal

Length (in)

Distance to

Property Line (ft)





		Emissio	on Point (cont	inuation)			
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 4	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S	ection	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210	12	12	7	70			
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
93.5	1500						
EMISSION UNIT	MISCES				EMISSION POIN	T 0 0 0 0 4 1	
Ground Elevation	Height	Height Above Inside Diameter Exit Temperature			Cross S	ALE VELVE BY	
(ft)			Structure (ft) (in)		(OF) Length (in)		
210	12	12	7	70		Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
93.5	1500				(1)		
EMISSION UNIT	MISCES				EMISSION POIN	T OLOLOLA	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S		
(ft)			(in)	(°F)	Length (in)	Width (in)	
210	12	12	7	70	Longar (m)	vida (iii)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
93.5	1500	, , ,	()		. reporty care (ity	Temoval	
EMISSION UNIT	M I S C E S				EMISSION POIN	T OLOLOLE	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S		
(ft)	(ft)	Structure (ft)	(in)	(OF)	Length (in)	Width (in)	
210	10	10		70	18	16	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Date of		
250	30000	(,,	(i diri)		Property Line (ft)	Removal	
EMISSION UNIT	MISCES						
Ground Elevation		Height Above	I tould blooms	Te 4+	EMISSION POIN		
(ft)	Height (ft)	Structure (ft)	Inside Diameter (in)	Exit Temperature (°F)	Cross S Length (in)		
210	1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Length (m)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S			1	EMISSION POIN	IT OLOLOLS	
Ground Elevation	Height	Height Above	Cross S				
		Structure (ft)	Inside Diameter (in)	Exit Temperature (°F)	Length (in)	Width (in)	
(ft)					-4gai (iii)	readir (iii)	
(ft) 210							



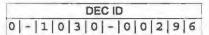
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		Section IV -	Emission Uni	t Information			
		Emissio	on Point (cont	inuation)			
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 5 5	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se	ection	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S	-			EMISSION POIN	T 0 0 0 0 6 1	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se		
(ft)	(ft) Structure (ft) (in) (°F)			Length (in)	Width (in)		
210			0				
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 0 6 1	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 0 6 1	
Ground Elevation Height		Height Above	Inside Diameter	Exit Temperature	Cross Section		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	T 0 0 0 0 6	
Ground Elevation	Height	Height Above Structure (ft)	Inside Diameter	Exit Temperature	Cross S		
(ft) 210	(ft)	Structure (it)	(in)	(°F)	Length (in)	Width (in)	
	F.A.Fl.	NINTER (E)		B. 3.6	Di tana ta	5: .	
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	
EMISSION UNIT	M I S C E S				EMISSION POIN	IT 0 0 0 6	
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S		
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)	
210							
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal	



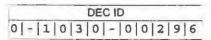
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EMISSION UNIT	MISCES				EMISSION POIN	T 0 0 0 0 6 1	
Ground Elevation Height		Height Above	Inside Diameter	Exit Temperature	Cross Section		
(ft)	(ft)	Structure (ft)	(in)	(^o F)	Length (in)	Width (in)	
210							
Exit Velocity	Exit Flow	NYTM (E)	NYTM (N)	Building	Distance to	Date of	
(FPS)	(ACFM)	(KM)	(KM)		Property Line (ft)	Removal	



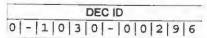


EMISION UNIT			Emissi	ion Sou	rce/Co	ntrol (continuation))		
MITISICIEIS		Date of	Data of	Date of		Control Type	7		
Emission Soi		Date of Construction	Date of Operation		Code	Control Type Description	Manufac	turer's Name / Model No	
FPJDC	Type	-			Code	Pulse-Jet Collector	100,100	ВНА	
CASTE									
Design Capacity	-	Design Cap				Waste Feed	0.4	Waste Type	
Сараску	Code	De	escription		Code	Description	Code	Description	
Emission So	urce	Date of	Date of	Date of		Control Type			
ID	Type	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No	
K1FCT	K					Collection Hood		Collection Hood	
Design		Design Cap	acity Units		_	Waste Feed		Waste Type	
Capacity	Code		escription		Code	Description	Code	Description	
F-:-:		Detect	Data of	Date of		0-1-1-			
Emission So	-	Date of Construction	Date of Operation	Date of Removal	Code	Control Type Description	Manufacturer's Name / Model I		
K1RSC	Type	- Conditudion	Орогологи	TOMOTOR	Code	Collection Hood			
	K						Collection Hood		
Design		Design Cap				Waste Feed	Waste Type Code Description		
Capacity	Code	D	escription		Code	Description			
Emission So	urce	Date of	Date of	Date of		Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufacturer's Name / Model N Collection Hood		
K2FCT	K					Collection Hood			
Design		Design Car	acity Units			Waste Feed	1	Waste Type	
Capacity	Code		escription		Code	Description	Code	Description	
Emissies Ca		Data of	Data of	Data of		Control Tune			
Emission So		Date of Construction	Date of Operation	Date of Removal	Code	Control Type Description	Manufac	cturer's Name / Model No	
K2RSC	Type		эролили	.,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Code	Collection Hood	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Collection Hood	
			14 14 4						
Design Capacity	-	Design Car			-	Waste Feed	-	Waste Type	
Оарвску	Code	, D	escription		Code	Description	Code	Description	
Emission So	urce	Date of	Date of	Date of		Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	cturer's Name / Model No	
OSHPJ	K					Jet-Pulse Cartridge		ВНА	
Design		Design Car	pacity Units			Waste Feed		Waste Type	
Capacity	Code	D	escription		Code	Description	Code	Description	
Emission So	urce	Date of	Date of	Date of		Control Type	+ 1		
ID	Туре	Construction		The second secon	Code	Description	Manufac	cturer's Name / Model No	
WTSFH	K				61		1	Water Spray	
	-	Design Car	pacity Units			Waste Feed		Waste Type	
Design									





MISION UNIT	-		Emissi	on Sou	rce/Co	ntrol (continuation	1)	
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	turer's Name / Model No
WTSKC	K				61			Water Spray
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	De	escription		Code	Description	Code Description	
Emission So		Date of	Date of	Date of		Control Type		
ID ID	-	Construction		The second second	Code	Control Type Description	Manufact	turer's Name / Model No
WTSPS	Type			,	61	Description	3321,432	Water Spray
					01			00.50.50.00
Design		Design Cap				Waste Feed		Waste Type
Capacity	Code	De	escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	turer's Name / Model No
WTSQY	K				61		Water Spray	
Design	1	Design Cap	acity Units			Waste Feed	Waste Type	
Capacity	Code		escription		Code	Description	Code Description	
Emission Source		Date of	Date of	Date of		Control Type		
1D	Туре	Construction	Operation	Removal	Code	Description	Manufacturer's Name / Mod	
WTSRT	K				61		Water Spray	
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
	1							
Emission So	-	Date of Construction	Operation	Date of		Control Type	Manufac	turer's Name / Model No
WTSTC	Type	Construction	Operation	IXCITIOVAL	Code 61	Description	Wandac	Water Spray
	, N				01			
Design Capacity	-	Design Cap			-	Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No
DRUMS	1							Drum Storage
Design		Design Car	pacity Units	5		Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
Emission Se	ource	Date of	Date of	Date of	-	Control Type	-	
ID	Туре				Code	Description	Manufac	turer's Name / Model N
FCONV	1							Future Conveyor
Design		Design Cap	pacity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
	1 3000	-						=



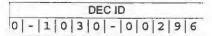


Section IV - Emission Unit Information

MISION UNIT	_		Emiss	ion Sou	rce/Co	ntrol (continuatio	n)			
Emission So	OUICO	Date of	Date of							
ID	Туре	-		Date of Removal	Code	Control Type	Manufac	turer's Name / Model N		
FEDHP	1,700				Code	Description				
Design	_	Desire Co.	a a situ di la ita					Primary Hopper		
Capacity	Cada	Design Car			0.1	Waste Feed		Waste Type		
11.0	Code	U	escription		Code	Description	Code	Description		
Emission So	ource	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N		
FINCV	1						Conveyor Belt			
Design		Design Car	acity Units			Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		
							0000	Description		
Emission So	ource	Date of	Date of	Date of		Control Turns				
ID ID	Туре	Construction			Code	Control Type	Manufac	turer's Name / Model N		
FINHP	l	1		T TO THE TOTAL	Code	Description	Walturac			
10.71								Hopper		
Design Capacity		Design Cap				Waste Feed		Waste Type		
Сарасну	Code	D	escription		Code	Description	Code	Description		
Emission So	nice	Date of	Date of	Date of		Control Time				
ID	Туре	Construction	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The second care	Code	Control Type Description	Manufacturer's Name / Mo			
FINSB	1 Jpc		3.0000		Code	Description	Conveyor Belt			
Design	-	Donies Co.	nath, Matte							
Capacity	Code	Design Capacity Units Description			Code	Waste Feed		Waste Type		
	Code		escription		Code	Description	Code	Description		
Emission Sc	ource	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	turer's Name / Model N		
FINST	1							Stacker		
Design		Design Cap	acity Units			Waste Feed		Waste Type		
Capacity	Code		escription		Code	Description	Code	Description		
								Becomption		
Emission So	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction			Code	Description	Manufact	turer's Name / Model N		
FSCRN	1							Future Screen		
Design		Design Cap	acity Units			Waste Feed		Waste Type		
Capacity	Code	-	escription		Code	Description	Code	Description		
Emission Sc	urce	Date of	Date of	Date of		Control Type				
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	turer's Name / Model N		
FTRAN	1						Fue	el Transfer System		
Design		Design Cap	acity Units			Waste Feed		Waste Type		
Capacity										

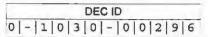
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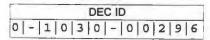


Emission Source ID KN1RS Design Capacity Emission Source ID KN1RS Design Capacity Emission Source ID KN2FE Design	Type I Code Ce Type I Code	Date of Construction Design Cap	acity Units escription Date of Operation eacity Units escription Date of	Date of Removal	Code Code Code	Control Type Description Waste Feed Description Control Type Description Waste Feed	Code	Kiln Seal	
Emission Source ID KN1RS Design Capacity Emission Source ID KN2FE Design	Code Ce Type I Code Code Type I	Design Cap Design Cap Date of Construction Design Cap De	acity Units escription Date of Operation eacity Units escription Date of	Date of Removal	Code	Waste Feed Description Control Type Description	Code	Kiln Feed Waste Type Description cturer's Name / Model Noted	
Design Capacity Emission Source ID KN1RS Design Capacity Emission Source ID KN2FE Design	Code Type I Code Ce Type I	Date of Construction Design Cap De	Date of Operation acity Units escription	Date of Removal	Code	Description Control Type Description		Waste Type Description turer's Name / Model No Kiln Seal	
Emission Source ID KN1RS Design Capacity Emission Source ID KN2FE Design	ce Type I Code ce Type I	Date of Construction Design Cap De	Date of Operation acity Units escription	Date of Removal	Code	Description Control Type Description		Description turer's Name / Model No	
Emission Source ID KN1RS Design Capacity Emission Source ID KN2FE Design	ce Type I Code ce Type I	Date of Construction Design Cap De	Date of Operation acity Units escription	Removal	Code	Control Type Description		turer's Name / Model No Kiln Seal	
Design Capacity Emission Source ID KN2FE Design	Type I Code Ce Type I	Design Cap De	Operation Pacity Units Pacity Units Pacific Date of	Removal		Description	Manufac		
Emission Source ID KN2FE Design	Code Ce Type	Design Cap De	acity Units escription Date of			Description	Manufac	Kiln Seal	
Design Capacity Emission Source ID KN2FE Design	Code Ce Type	Date of	escription Date of		Code	Waste Feed			
Emission Source ID KN2FE Design	ce Type I	Date of	escription Date of		Code	Waste Feed			
Emission Source ID KN2FE Design	ce Type I	Date of	escription Date of		Code	***************************************	1	Waste Type	
KN2FE Design	Type I						Code	Description	
KN2FE Design	Type I								
KN2FE Design	1	Construction	Operation	Date of		Control Type			
Design				Removal	Code	Description	Manufac	turer's Name / Model No	
Conneitue	Code							Kiln Feed	
Conneille	Code	Design Cap	acity Units			Waste Feed		Waste Type	
			escription		Code	Description	Code	Description	
Emission Source	ce	Date of	Date of	Date of		Control Type	- 1	A CONTRACTOR OF THE PARTY OF TH	
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No	
KN2RS	1							Kiln Seal	
Design		Design Cap	acity Units		Waste Feed			Waste Type	
Capacity	Code	De	escription		Code	Description	Code	Description	
Emission Source		Date of Construction	Date of	Date of		Control Type	Manufac	nturanda Nicesa / Nicedal Ni	
ID LDPRT	Туре	Construction	Operation	Removal	Code	Description		turer's Name / Model No	
	1						1	Loading Product	
Design		Design Cap				Waste Feed		Waste Type	
Capacity	Code	Di	escription		Code	Description	Code	Description	
Emission Source	ce	Date of	Date of	Date of		Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	cturer's Name / Model No	
OSHOP	1							Fines Hopper	
Design		Design Cap	acity Units			Waste Feed		Waste Type	
Capacity	Code	D	escription		Code	Description	Code	Description	
Emission Source	ce	Date of	Date of	Date of		Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	cturer's Name / Model No	
PELET	1							Future Pelletizer	
Design		Design Cap	acity Units		_	Waste Feed		Waste Type	
0	Code		escription		Code	Description	Code	Description	





EMISION UNIT			Emissi	on Sou	rce/Co	ntrol (continuation	n)	
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction			Code	Description	Manufac	turer's Name / Model No
PRMSH	l				Code	Description	100000000000000000000000000000000000000	Screen Hopper
	ļ	5	2 11 2		-			
Design Capacity	0-4-	Design Cap			0-4-	Waste Feed	0.1	Waste Type
оприску	Code	Di	escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No
PRMSR	1							Primary Screen
Design	1	Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	,	escription		Code	Description	Code	Description
						Secomputer	3020	Боотрион
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No
QTRAN	1						Qu	arry Transportation
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type	17.30.77	and the same
ID	Type	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No
QUAYB	1						C	luarry Operations
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model No
QUAYD	1							Quarry Drill
Design		Design Car	oacity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction			Code	Description	Manufac	cturer's Name / Model No
QUAYP	I					2 Cookpain		Quarry Operations
Design		Design Car	pacity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction			Code	Description	Manufac	turer's Name / Model No
TPDFM	Type				Code	Description		Screening
						1		
Design Capacity	Cada	Design Car			0-1-	Waste Feed	0.4.	Waste Type
	Code	D	escription		Code	Description	Code	Description





EMISION UNIT			Emiss	ion Sou	rce/Cont	rol (continuatio	n)		
MITISICIEIS			Lillion	1011 004	100/00111	ioi (continuatio	")		
Emission So	urce	Date of	Date of	Date of		Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufacti	urer's Name / Model No	
TPDSK	1							Screening	
Design		Design Cap	acity Units			Waste Feed		Waste Type	
Capacity	Code	D	escription		Code	Description	Code	Description	
Emission Sc	urce	Date of	Date of	Date of	1	Control Type		***	
ID	Туре	Construction	Operation	Removal	Code	Description	Manufacti	urer's Name / Model No	
TRANS	1						On-site Transportation		
Design		Design Cap	acity Units			Waste Feed	Waste Type		
Capacity	Code	D	escription		Code	Description	Code	Description	
Emission So	ource	Date of	Date of	Date of		Control Type			
ID	Туре	Construction			Code	Description	Manufacti	urer's Name / Model No	
TRPDS	1				0000	Description		Screening	
Design		Design Cap	ooibe I Inite			Masta Food			
Capacity	Code		-			Waste Feed		Waste Type	
Capacity	Code		escription		Code	Description	Code	Description	
Emission Sc	urce	Date of	Date of	Date of		Control Type			
ID	Туре	Construction	Operation	Removal	Code	Description	Manufacti	urer's Name / Model No	
ULFFT	1						F	uel Unloading	
Design		Design Cap	acity Units			Waste Feed		Waste Type	
Capacity	Code	D	escription		Code	Description	Code	Description	

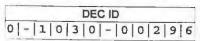


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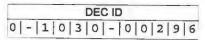
Section IV - Emission Unit Information (continued)

			Process In	formation		⊠ Co	ntinuation Sheet(s)
EMISSION UN	M I S C	ES				PRO	CESS K F
	_		Descr	iption			
Kilns #1 an	d #2 feed and	I rim seal (front	and rear).				
	assification (SCC)	1	hruput	0.1	Thruput Qu	antity Units	
	1-2-21	Quantity/Hr	Quantity/Yr	Code		Description	
Confiden			Operating		Building	Floor/I	ocation
	g at Maximum Ca		Hrs/Day 24	Days/Yr 365		FIOUTE	ocation
Activity w	vith Insignificant E				B-3		
		Emissi	on Source/Control	Identifier(s) (con	tinued)		
K1FCT	K1RSC	K2FCT	K2RSC	KN1FE	KN1RS	KN2FE	KN2RS
EMISSION UNI	M I S C	ES				PRO	CESS PS
			Descr	iption			•
Primary Pla	ant Screen, Ho	opper, Conveyo	rs, Belts, and S	Stacker Opera	tions.		
Shale is cru	ushed, screen	ed, and then co	nveyed to the	kilns to produc	ce clinker. This	s process also	contains a
future scree	en, conveyor,	and pelletizer th	nat will be locat	ted at the Qua	rry. Please re	ference the at	ached
Operationa	I Flexibility Pla	an.					
-							
	assification	Total T	hruput		Thruput Qu	antity Units	
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description	
☐ Confiden	tial		Operating	Schedule			
_	tial g at Maximum Ca	pacity	Hrs/Day	Days/Yr	Building	Floor/L	ocation
Operating					Building B-1	Floor/L	ocation
Operating	g at Maximum Ca	missions	Hrs/Day	Days/Yr 365	B-1	Floor/L	ocation
Operating Activity	g at Maximum Ca vith Insignificant E	Emissions Emissi	Hrs/Day 24 on Source/Control	Days/Yr 365 Identifier(s) (con	B-1 tinued)		
Operating	g at Maximum Ca	missions	Hrs/Day 24	Days/Yr 365	B-1	Floor/L PELET	ocation PRMSH



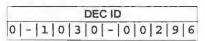


	M I S C	ES	ess Informati	,		PRO	CESS F S		
			Descr	iption	-	-			
Finishing P	lant Screen, F	lopper, Conve	yors, Belts, and		rations.				
Clinker is fo	ed to the Finis	hing Plant whe	ere it is sized, so	reened, and t	olended to vield	light weight a	ggregate		
				,		ang. in mengini s	99.090.0.		
	assification	Total	Thruput		Thruput Qu	antity Units			
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description			
Confident	tial		Operating	Schedule					
Operating	at Maximum Ca	pacity	Hrs/Day	Days/Yr	Building	Floor/L	ocation		
Activity w	vith Insignificant E	Emissions	24	365	B-2				
		Emiss	sion Source/Control	Identifier(s) (con	tinued)	-			
FPJCC	FPJDC	OSHPJ	WTSKC	FINCV	FINHP	FINSB	FINIOT		
OSHOP	TPDFM			FINCV	FINDS	FINSB	FINST		
OSHOP	TPDFM								
MISSION UNI	T MISC	E S				PRO	CESS F		
			Descri	iption					
uel Transf	fer System.								
		he storage tan	ks to the Kilns						
	2101104 11011114	no otorage tarn	to to the Ring.						
				-					
						-			
	-								
Source Cla	assification	Total	Thruput		Thruput Qu	antitu I Inita			
	(SCC)	Quantity/Hr	Quantity/Yr	Code	Tillapat Qu	Description			
				0000		Description			
Confident	rial		Operating :	Schedule					
_ Connoent	at Maximum Ca	nacity	Hrs/Day	Days/Yr	Building	Floor/Lo	ocation		
7 Operation	ith Insignificant E		24	365		N/			
						140	<i>(</i> 1)		
	Tar moighnoant L	Emice	ion Source/Control	Identificate) (and	linund\				





MISSION UNI	21	Proce	ess Informati	on (continu	ation)	
	T M I S C	ES				PROCESS T
			Descri	iption		
	d Unloading C d unloading o		ehicular transp	ortation (excl	uding Quarry veł	nicular transportation).
Source Cla		Total 1	Thruput		Thruput Quar	tity Units
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description
☐ Confident	ial		Operating	Schedule		
☐ Operating	at Maximum Ca	apacity	Hrs/Day	Days/Yr	Building	Floor/Location
	ith Insignificant E		24	365	B-1	
		Emissi	on Source/Control	Identifier(s) (con	tinued)	
WTSRT	LDPRT	TRANS				
William	- LDI IXI	TIVANS				
MISSION UNI	M I S C	E S				PROCESS Q 1
0 0			Descri	iption		
Quarry Ope		12. 12. 12.				
	ting, arilling, i	loading operation	ns, and vehicu	lar transporta	tion.	
Quarry blas						
Quarry blas						
Quarry blas						
Quarry blas						
Quarry blas						
Quarry blas						
Quarry blas						
Source Cla	assification		hruput		Thruput Quan	tity Units
	issification (SCC)	Total 1 Quantity/Hr	hruput Quantity/Yr	Code	Thruput Quar	tity Units Description
Source Cla	issification (SCC)			Code	Thruput Quan	
Source Cla	ial	Quantity/Hr	Quantity/Yr Operating	Schedule		Description
Source Cla	(SCC)	Quantity/Hr	Quantity/Yr Operating Hrs/Day	Schedule Days/Yr	Building	
Source Cla Code Confident Operating	ial	Quantity/Hr apacity Emissions	Quantity/Yr Operating Hrs/Day 15	Schedule Days/Yr 312	Building B-5	Description
Source Cla Code Confident Operating	(SCC) ial ı at Maximum Ca	Quantity/Hr apacity Emissions	Quantity/Yr Operating Hrs/Day	Schedule Days/Yr 312	Building B-5	Description
Source Cla Code Confident Operating	(SCC) ial ı at Maximum Ca	Quantity/Hr apacity Emissions	Quantity/Yr Operating Hrs/Day 15	Schedule Days/Yr 312	Building B-5	Description





MOCIONI INIT		ess Informati	on (continu	ation)	ppoores lest-
MISSION UNIT MISSIO	EES				PROCESS U I
		Descri	iption		
Unloading of Fuel.					
Unloading of hazardous	fuel into storage	e tanks.			
-					
	- 1				
Source Classification	Thruput Quan				
Code (SCC)	Quantity/Hr	Quantity/Yr	Code		Description
T Confidential	-1	Operating	Schedule		
Operating at Maximum (Capacity	Hrs/Day	Days/Yr	Building	Floor/Location
Activity with Insignificant		24	365	B-1	
		ion Source/Control	Identifier(s) (con	tinued)	
CARDA			(-) (331)	,	
CARB1 ULFFT					
MISSION UNIT MISSION	CES		-		PROCESS D
	1.01	Descr	intion		
Drum Storoge		Desci	Puon		
Drum Storage.					
					
					-
-					
Source Classification		Thruput		Thruput Quar	
Source Classification Code (SCC)	Total Quantity/Hr	Thruput Quantity/Yr	Code	Thruput Quar	ntity Units Description
Code (SCC)		Quantity/Yr		Thruput Quar	
Code (SCC) Confidential	Quantity/Hr	Quantity/Yr Operating	Schedule		Description
Code (SCC) Confidential Operating at Maximum	Quantity/Hr	Quantity/Yr Operating Hrs/Day	Schedule Days/Yr	Building	
Code (SCC) Confidential	Quantity/Hr Capacity t Emissions	Quantity/Yr Operating Hrs/Day 24	Schedule Days/Yr 365	Building B-4	Description
Code (SCC) Confidential Operating at Maximum	Quantity/Hr Capacity t Emissions	Quantity/Yr Operating Hrs/Day	Schedule Days/Yr 365	Building B-4	Description
Code (SCC) Confidential Operating at Maximum	Quantity/Hr Capacity t Emissions	Quantity/Yr Operating Hrs/Day 24	Schedule Days/Yr 365	Building B-4	Description



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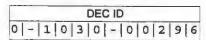
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Section IV - Emission Unit Information (continued)

Emission Unit	Emission		Emission		Emission L	Jnit App	licable Fed	leral Red	uirements		Continuation Sheet(s)			
Emission onit			Source	Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause	
MISCES		DRS		40	CFR	63	DD	683						
MISCES		DRS		40	CFR	63	DD	695		1.0				
MISCES		DRS		40	CFR	63	DD	888						
MISCES		DRS		6	NYCRR	212		4	b					
MISCES		DRS		6	NYCRR	212		6	а	1				
MISCES		DRS		6	NYCRR	212		9	b					

Emission Unit	Emission Point	Process	Emission Source		Eņ	nission (Jnit State	Only Rec	quirements		Continuation Sheet(s)			
Emission on	FOIR	riucess	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause	
						-								

			Emissio	n Unit Co	ompliance (Certificati	on [Continuation	on Sheet(s)
				Rul	e Citation				
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	NYCRR	212		10	С				
X Appli	icable Federal Re	Activities and a contract of the contract of t	State C	Only Requireme	ent	Capping	1		
Emission L	Point	Process	Emission Source	CA	AS No.		Contaminan	t Name	
MISCES	i l	ULF		NY9	998-00-0	V	olatile Organic Con	npounds (VC	OC)
				Monitori	ng Informat	tion			
Intermit	uous Emission Mo ttent Emission Te nt Air Monitoring			Work Pra	ng of Process or Co actice Involving Spe Keeping / Maintenar	ecific Operations	rameters as Surrogate		
				De	scription				
unloadir Work Prac	ng is active ca	rbon adsorp		ss Material			Reference	ce Test Meth	nod
Туре	Code			Description					
			Parameter				Manufacture	r Name / Mo	del No.
C	ode			Description					
		-lmit				10	mit Units		
	Upper		Lower	Cod	<u>. </u>	Li	J 119 (20.1 E-100)		
	Орры		Lower		30		Description		
	Averaging M	ethod		Monito	oring Frequency		Reporting	g Requireme	ents
Code		cription	Code		Description		Code	Description	





Section IV - Emission Unit Information (continued)

	Emission		Emission		Emission L	Jnit App	licable Fed	leral Rec	uirements (co	ntinuat	ion)		
Emission Unit	Point	Process	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
MISCES		FSH		6	NYCRR	212		6	а				
MISCES		FTS		40	CFR	63	DD	683					
MISCES		FTS		40	CFR	63	DD	689					
MISCES		FTS		40	CFR	63	DD	693					
MISCES		FTS		40	CFR	63	DD	695					
MISCES		FTS		6	NYCRR	212		4	b				
MISCES		FTS		6	NYCRR	212		6	а				
MISCES		FTS		6	NYCRR	212		9	b				
MISCES		KFR		6	NYCRR	212		6	а				
MISCES		PSH		6	NYCRR	212		6	а				
MISCES		QRY		6	NYCRR	212		6	а			-	
MISCES		TLD		6	NYCRR	212		6	а				
MISCES		ULF		40	CFR	63	DD	683					
MISCES		ULF		40	CFR	63	DD	690					
MISCES		ULF		40	CFR	63	DD	693					
MISCES		ULF		6	NYCRR	212		4	b				
MISCES		ULF		6	NYCRR	212		6	а				
MISCES		ULF		6	NYCRR	212		9	b				

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		Emiss	ion Unit C	omplian	ce Certifica	tion (con	tinuation)			
				Rul	e Citation					
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause	
6	NYCRR	212		4	С					
Applicable Federal Requirement Start				Only Requirement		Capping				
Emission U	Init Emission Point	Process	Emission Source	CAS No.		Contaminant Name				
MISCES		FSH		NY075-00-0		Particulates				
				Monitori	ng Informat	ion				
Intermit	ious Emission Mor tent Emission Tesi it Air Monitoring			Monitoring of Process or Control Device Parameters as Surrogate Work Practice Involving Specific Operations Record Keeping / Maintenance Procedures						
				De	scription					
Work Prac	tice		Proces	s Material			Reference	ce Test Meti	nod	
Туре	Code	e Description								
			Parameter				Manufacture	r Name / Mo	odel No.	
Code				Description						
	Li	mit		Limit Units						
Upper			Lower Code		de	Description				
	Averaging Me	ethod		Monito	oring Frequency		Reporting	Requireme	ents	
Code Description		Code				Code	Description	-		



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Section IV - Emission Unit Information (continued)

		Determ	nination of I	Non-App	licability	(Title	V Only) 🗵	Continuation	Sheet(s)
				Rule Cita	ation					
Title	Туре	Part	Sub Part	Section	Sub Divis	ion Pa	rag. Su	b Parag.	Clause	Sub Clause
6 N	NYCRR	212		4	С					
Emission Unit	Emission	Point	Process	Emissio	n Source		Applic	able Federal	Requirement	
MISCES			KFR				State	Only Require	ement	
				Descrip	tion					
Kiln #1 feed an									olumetric e	xhaust
flow to apply to	the grain lin	nit of 0.05 (gr/dscf). There	fore this pr	ocess is no	ot applica	able to 2	12.4 (c).		
							_			
				Rule Cita	ation					
Title	Туре	Part	Sub Part	Section	Sub Divis	sion Pa	rag. Su	b Parag.	Clause	Sub Clause
40	CFR	60	000	670						
Emission Unit	Emission	Point	Process	Emissio	n Source		Applic	able Federal	Requirement	
MISCES			PSH				State	Only Require	ement	
				Descrip	tion					
This process d	oes contain	future emis	ssion sources	ESCRN FO	CONV and	PELET	howeve	r their car	nacity will h	e helow
the applicability	/ thresholds	. The balan	ice of the sour	ces were no	ot construc	tea, reco	nstructed	a, or modi	ned after A	ugust
31, 1983.										
							-			
			Process	Emissio	ns Sum	mary			Continuatio	n Sheet(s)
MISSION UNIT	MIS	CES							PROCES	SS FSH
CAS			Contaminant			% of	% of	% of	ERP	ERP How
No.			Name			Thruput	Capture	Contro	(lb/hr)	Determined
NY075-00-0	Particula	ates							15.429	4
		PTE			Stand			E How	P	ctual
(lb/hr)		(lb/yr)	(standar	d units)	Unit	ts	Dete	ermined	(lb/hr)	(lb/yr)
15.429		135154	0.0	05	gr/ds	scf		4		
MISSION UNIT	1-1-1								PROCES	ss
CAS			Contaminant			% of	% of	% of	ERP	ERP How
No.			Name			Thruput	Capture	Contro	l (lb/hr)	Determined
		DTE				Const.		T User		
(15.75.2)		PTE	/ata-d-	od collect	Stand		2.0	E How ermined		ctual
(lb/hr)		(lb/yr)	(standar	a units)	Oill		Dell	J. A. T. H. G. C.	(lb/hr)	(lb/yr)

PTE

(lb/yr)

Contaminant

Name

(standard units)

ERP How

Determined

(lb/yr)

EMISSION UNIT

No.

(lb/hr)

08-Dec-1997

% of

Thruput

Standard

Units

% of

Capture

% of

Control

PTE How

Determined

Actual

PROCESS

ERP

(lb/hr)

(lb/hr)

Air Permit Application



DEC ID
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			Defellill	nation of r	ion-Appii	cability (co	ntinua	tion)		
					Rule Cita	tion				
Title		Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Claus
40		CFR	60	000	670					
Emission	Unit	Emission F	Point	Process	Emission	n Source	X F	Applicable Federa	I Requirement	
MISCI	ES			PSH				State Only Requir	ement	
					Descript	ion				
This pro	ocess do	oes contain fu	uture emiss	sion sources (ONV, and PEL	ET) how	ever their ca	pacity will b	e below
the app	licability	thresholds.	The balance	ce of the source	es were no	t constructed,	reconstru	icted, or mod	ified after A	ugust
31, 198	3.									
	_									
	_			-	Rule Cita	tion				
Title		Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Claus
40		CFR	60	000	670	Sub Division	raiay.	Sub Paray.	Clause	Sub Claus
Emission	n I Init	Emission F		Process		n Source		Applicable Federa	l Doguisament	<u> </u>
MISC		Lillission	Oliv	FSH	LITISSIO	1 Source		State Only Requir		
WIIOCI				1311			□ '	State Only Requir	ement	
					Descript	ion				
This pro	cess do	nes not conta	in an emis	sion source w	ith a mavim	um rated proce	essina ca	anacity greate	or than or e	rual to
					D	45				
TIME	1	-		-	Rule Cita					T= T=
Title		Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Claus
6		YCRR	212	Sub Part	Section 10	Sub Division				
6 Emission	Unit		212	Sub Part Process	Section 10	Sub Division	× ×	Applicable Federa	al Requirement	
6	Unit	YCRR	212	Sub Part	Section 10	Sub Division	× ×		al Requirement	
6 Emission	Unit	YCRR	212	Sub Part Process	Section 10 Emissio	Sub Division c n Source	× ×	Applicable Federa	al Requirement	
6 Emission MISC	Unit ES	NYCRR Emission F	212 Point	Process FTS	Section 10 Emissio	Sub Division c n Source		Applicable Federa State Only Requir	al Requirement rement	
6 Emission MISC	ES ocess ha	Emission F	212 Point Organic Co	Process FTS ompound (VO	Section 10 Emissio	Sub Division c n Source		Applicable Federa State Only Requir	al Requirement rement	
6 Emission MISC	ES ocess ha	NYCRR Emission F	212 Point Organic Co	Process FTS ompound (VO	Section 10 Emissio	Sub Division c n Source		Applicable Federa State Only Requir	al Requirement rement	
6 Emission MISC	ES ocess ha	Emission F	212 Point Organic Co	Process FTS ompound (VO	Section 10 Emissio	Sub Division c n Source		Applicable Federa State Only Requir	al Requirement rement	
6 Emission MISC	ES ocess ha	Emission F	212 Point Organic Co	Process FTS ompound (VO	Section 10 Emissio	Sub Division c n Source		Applicable Federa State Only Requir	al Requirement rement	
6 Emission MISC	ES ocess ha	Emission F	212 Point Organic Co	Process FTS ompound (VO 2.10.	Section 10 Emissio Descript C) Emission	Sub Division c n Source		Applicable Federa State Only Requir	al Requirement rement	
6 Emission MISC	ES ocess ha	Emission F Emission F as a Volatile applicable to	Point Organic Co Section 21	Process FTS Dimpound (VO 2.10.	Section 10 Emissio Descript C) Emission	Sub Division C n Source tion n Rate Potentia	I (ERP) I	Applicable Federa State Only Requir ess than 3 lb	al Requirement rement hr. Therefo	ore this
6 Emission MISC	Docess has is not a	Emission F as a Volatile applicable to	Point Organic Co Section 21	Process FTS ompound (VO 2.10.	Section 10 Emission Descript C) Emission Rule Cital	Sub Division c n Source tion n Rate Potentian ation Sub Division		Applicable Federa State Only Requir	al Requirement rement	
6 Emission MISC This proprocess Title 6	Docess has is not a	Emission F as a Volatile applicable to Type	Point Organic Co Section 21 Part 212	Process FTS ompound (VO 2.10.	Section 10 Emissio Descript C) Emission Rule Cital Section 10	Sub Division C n Source tion n Rate Potentia ttion Sub Division C	I (ERP) I	Applicable Federa State Only Require ess than 3 lb	al Requirement rement /hr. Therefo	ore this
This proprocess Title 6 Emission	Docess has is not a	Emission F as a Volatile applicable to	Point Organic Co Section 21 Part 212	Process FTS propound (VO 2.10.	Section 10 Emissio Descript C) Emission Rule Cital Section 10	Sub Division c n Source tion n Rate Potentian ation Sub Division	Parag.	Applicable Federa State Only Requir ess than 3 lb. Sub Parag. Applicable Federa	al Requirement rement /hr. Therefore Clause	ore this
6 Emission MISC This proprocess Title 6	Docess has is not a	Emission F as a Volatile applicable to Type	Point Organic Co Section 21 Part 212	Process FTS ompound (VO 2.10.	Section 10 Emissio Descript C) Emission Rule Cital Section 10 Emissio	Sub Division c n Source tion Rate Potentia ttion Sub Division c n Source	Parag.	Applicable Federa State Only Require ess than 3 lb	al Requirement rement /hr. Therefore Clause	ore this
This proprocess Title 6 Emission MISC	Docess has is not a	Emission F as a Volatile applicable to Type NYCRR Emission I	Part 212 Point	Process FTS ompound (VO 2.10. Sub Part Process DRS	Section 10 Emissio Descript C) Emission Rule Cital Section 10 Emissio Descript	Sub Division C n Source tion n Rate Potentia Sub Division C n Source	Parag.	Applicable Federa State Only Requir ess than 3 lb. Sub Parag. Applicable Federa State Only Requir	Clause al Requirement	ore this
This proprocess Title 6 Emission MISC	Docess has is not a	Emission F as a Volatile applicable to Type NYCRR Emission I	Part 212 Point Part 212 Point Organic Co	Process FTS ompound (VO 2.10. Sub Part Process DRS	Section 10 Emissio Descript C) Emission Rule Cital Section 10 Emissio Descript	Sub Division c n Source tion Rate Potentia ttion Sub Division c n Source	Parag.	Applicable Federa State Only Requir ess than 3 lb. Sub Parag. Applicable Federa State Only Requir	Clause al Requirement	ore this
This proprocess Title 6 Emission MISC	Docess has is not a	Emission F as a Volatile applicable to Type NYCRR Emission I	Part 212 Point Part 212 Point Organic Co	Process FTS ompound (VO 2.10. Sub Part Process DRS	Section 10 Emissio Descript C) Emission Rule Cital Section 10 Emissio Descript	Sub Division C n Source tion n Rate Potentia Sub Division C n Source	Parag.	Applicable Federa State Only Requir ess than 3 lb. Sub Parag. Applicable Federa State Only Requir	Clause al Requirement	ore this
This proprocess Title 6 Emission MISC	Docess has is not a	Emission F as a Volatile applicable to Type NYCRR Emission I	Part 212 Point Part 212 Point Organic Co	Process FTS ompound (VO 2.10. Sub Part Process DRS	Section 10 Emissio Descript C) Emission Rule Cital Section 10 Emissio Descript	Sub Division C n Source tion n Rate Potentia Sub Division C n Source	Parag.	Applicable Federa State Only Requir ess than 3 lb. Sub Parag. Applicable Federa State Only Requir	Clause al Requirement	ore this
This proprocess Title 6 Emission MISC	Docess has is not a	Emission F as a Volatile applicable to Type NYCRR Emission I	Part 212 Point Part 212 Point Organic Co	Process FTS ompound (VO 2.10. Sub Part Process DRS	Section 10 Emissio Descript C) Emission Rule Cital Section 10 Emissio Descript	Sub Division C n Source tion n Rate Potentia Sub Division C n Source	Parag.	Applicable Federa State Only Requir ess than 3 lb. Sub Parag. Applicable Federa State Only Requir	Clause al Requirement	ore this

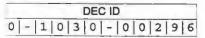
Air Permit Application



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				Rule Cita	ition				
Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
6	NYCRR	212		3	b				
Emission U	nit Emissio	n Point	Process	Emissio	n Source	×	Applicable Federa	al Requirement	
MISCES			QRY				State Only Requir	rement	
				Descript	tion				
the grain in	imit of 0.15 gr/d		ore tino proces	o to not app	modbio to 212.	O (D).			
				Rule Cita	ation				
Title	Туре	Part	Sub Part	Rule Cita	ation Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
Title 6	Type NYCRR	Part 212				Parag.	Sub Parag.	Clause	Sub Clause
	NYCRR	212		Section 3	Sub Division	Parag.	Sub Parag. Applicable Federa		
6	NYCRR nit Emissio	212	Sub Part	Section 3	Sub Division b			al Requiremen	
6 Emission U	NYCRR nit Emissio	212	Sub Part Process	Section 3	Sub Division b n Source		Applicable Federa	al Requiremen	





Section IV - Emission Unit Information

		Emiss	sion Unit Desc	ription		Continuation Sheet(s)
EMISION UNIT S	TANKS					
Hazardous Wast	te Fuel storage tank	S.				
			Building			Continuation Sheet(s)
Building		Building Name		Length (ft)	Width (ft)	Orientation
B-4		Fuel Tank Farm			-	
			Emission Poi	-4	F7	
EMISSION POINT			Emission Poli	nt		Continuation Sheet(s)
	0 0 0 1 9		Tree	1202		
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temperature (°F)	Cross :	Section Width (in)
220	12	-16	4	70	Length (in)	vviatri (iri)
	Exit Flow				Distance to	5-12-21
Exit Velocity (FPS)	(ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
14.3	75					
EMISSION POINT	TITLE					
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross	Section
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
						22 - 120 - 1 - 1
Exit Velocity	Exit Flow	NYTM (E)	NYTM (N)	Building	Distance to	Date of
(FPS)	(ACFM)	(KM)	(KM)		Property Line (ft)	Removal

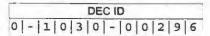
				Emissi	on Sourc	e / Control		Continuation Sheet(s
Emission Se	ource	Date of	Date of	Date of		Control Type		CA - O - O
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	rer's Name / Model No
CARB2	K				48		C	Carbrol/G-1875
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission Se	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction		44 miles 40	Code	Description	Manufactu	irer's Name / Model No
NBW10	K				87		Ni	trogen Blanket
	_		annity I Inity			Waste Feed		Waste Type
Design Capacity		Design Cap	oacity Onits					

FG

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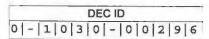


MISION UNIT			Emiss	ion Sou	rce/Co	ntrol (continuation	1)	
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	1000	The section of the	Code	Control Type Description	Manufac	turer's Name / Model N
NBWT1	K				87	Description	7 (100)	Nitrogen Blanket
Design		Design Car	agaity I Inite			Waste Feed		-
Capacity	Code		escription	•	Code		0-4-	Waste Type
	Oode		escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N
NBWT2	K				87	<u> </u>	1	Nitrogen Blanket
Design	1	Design Car	pacity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission Sc	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction		100 mag 100 mg	Code	Description	Manufac	turer's Name / Model N
NBWT3	K				87		7	Nitrogen Blanket
Design	-	Design Cap	pacity Units		_	Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	
	Jour		COORPLION		Oode	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N
NBWT4	K				87		1	Nitrogen Blanket
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N
NBWT5	K				87			Nitrogen Blanket
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре				Code	Description	Manufac	turer's Name / Model N
NBWT6	K				87			Nitrogen Blanket
Design	-	Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
							1	
Emission So	_	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Kemoval	Code	Description	Manufac	turer's Name / Model N
NBWT7	K				87		1	Nitrogen Blanket
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity			escription					



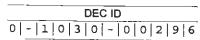


EMISION UNIT			Emiss	ion Sou	rce/Co	ntrol (continuation	1)	
SITIAINIKIS				u	. 50,00	or foothinuation	'/	
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model No
NBWT8	K				87		N	litrogen Blanket
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type	1	
ID	Туре	Construction			Code	Description	Manufact	urer's Name / Model No
NBWT9	K				87	Description		litrogen Blanket
					07		"	
Design		Design Cap				Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So		Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	11.000	urer's Name / Model No
HWOT1	1						Hazar	rdous Fuel Tank 300
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
27652	15							
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model No
HWOT2	1						Hazar	rdous Fuel Tank 400
Design		Design Cap	pacity Units			Waste Feed	+	Waste Type
Capacity	Code		escription		Code	Description	Code	Description
27652	15				-	Description	0000	Description
Emission So	urce	Date of	Date of	Date of		Control Type	-	
ID ID	Туре	Construction	30.30.30		Code	Description	Manufact	urer's Name / Model No
HWOT3	I ype				Code	Description	- 10.000	rdous Fuel Tank 500
	ļ	D! 0				Marie Francis	71020	
Design Capacity	0-1	Design Car			0-1	Waste Feed	0.1	Waste Type
27652	Code 15	D	escription		Code	Description	Code	Description
Emission So		Date of	Date of	Date of		Control Type		
ID ID		Construction	1000		Code		Manufact	turer's Name / Model No
HWOT4	Type		2,53		Code	Description		rdous Fuel Tank 600
Design		Design Cap	nacity I laite			Masta Food		
Capacity	Code		escription	•	Code	Waste Feed Description	Code	Waste Type Description
22700	15		Cacription		Code	Description	Code	Description
		Date of	Date of	Date of		Control Type		
	4100	Construction		The state of the s	Code		Manufact	turer's Name / Model No
Emission So	Tune				Code	Description		TOTAL STATE OF THE
Emission So	Туре							
Emission So ID T100A	Type						nazai	dous Fuel Tank 100A
Emission So		Design Cap	pacity Units	B	Code	Waste Feed Description	Code	Waste Type Description





EMISION UNIT			Emissi	ion Sou	rce/Con	trol (continuatio	n)	
Emission So		Data of	Data of	Date of				
ID ID	-	Date of Construction	Date of	Date of		Control Type	Manufacti	rer's Name / Model No
	Туре	Odnatiaction	Operation	TCHOVAL	Code	Description		
T100B	1						Hazard	ous Fuel Tank 100B
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
9516	15							
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	rer's Name / Model No
T100C	1						Hazard	ous Fuel Tank 100C
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
9516	15							
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	irer's Name / Model No
T200A	1						Hazard	ous Fuel Tank 200A
Design		Design Cap	acity Units		A-	Waste Feed		Waste Type
Capacity	Code	D	escription	1	Code	Description	Code	Description
9516	15							
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	irer's Name / Model No
T200B	1						Hazard	ous Fuel Tank 200B
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
9516	15							
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufactu	irer's Name / Model No
T200C	1						Hazard	ous Fuel Tank 200C
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
9516	15							





EMISSION UNI	T CIMININI	<u> </u>	Process II	nformation			ntinuation Sheet(s)
EMISSION ON	T S T A N	K S				PRO	CESS H W T
	-		Desci	iption			
	Waste Fuel St						
Below grou	nd horizontal h	nazardous was	ite fuel ta <u>n</u> ks (:	3 x 27,652 gall	on and 1 x 22,	700 gallon). C	n the rare
occasion th	<u>iat both Kilns a</u>	ire not operatir	ng, these stora	ge tanks will ve	ent to an activ	e carbon adsor	ption
control dev	ice (CARB2).						
			<u> </u>				_ i
							
							
						<u> </u>	
	assification		Thruput	 	Thruput Qu	uantity Units	
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description	
_							
Confident	tial		Operating	Schedule			
Operating	at Maximum Car	pacity	Hrs/Day	Days/Yr	Building	Floor/L	ocation
Activity w	ith Insignificant E	missions	24	365	B-4		
		Emiss	ion Source/Contro	l Identifier(s) (con	tinued)		
CARB2	NBWT1	NBWT2	NBWT3	NBWT4	HWOT1	HWOT2	LEMOTO
HWOT4	NEWTT	NOTTE	NBTTIS	MDAALA	HVVOTI	HVVOIZ	HWOT3
HVVO14	<u> </u>						
EMISSION UNI	T S T A N :	K S '		-	·	PRO	CESS H F T
			Desci	ription		<u> </u>	
Hazardous	Waste Fuel St	orage Tanks	<u> </u>	iption			_
			ks (6 v 9 516 c	allon) On the	rare occasion	that both Kiln	
operating t	hese storage t	anks will vent	to an active ca	rhon adsorptio	n control device	CARROLLIA	s are not
<u> </u>	. logo oto, ago .	CITICO WITH VOITE	to an active ca	ibon adsorptio	in control devic	ce (CARBZ).	
					-		
]
Source Cla	assification	Total 1	Thruput		Thrunut O	uantity Units	
	(SCC)	Quantity/Hr	Quantity/Yr	Code	Thruput Qt	Description	
		account, it is	acountry, 11			Description	_
	<u> </u>		Operation	Schedule			
Confident		an aib.	Hrs/Day	Days/Yr	Building	Floor/L	ocation
) at Maximum Cap ith Insignificant Ei	•	24	365	B-4		
ACTIVITY W	in maighneant Ei	_			ļ	<u> </u>	
			on Source/Contro	i identifier(\$) (conf	tinued)		İ
CARB2	NBW10	NBWT5	NBWT6	NBWT7	NBWT8	NBWT9	T100A
T100B	T100C	T200A	T200B	T200C			

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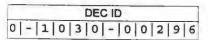


Emission Unit	Emission Point	Process	Emission		Emission L	Init App	licable Fed	leral Req	uirements		⊠ Coi	ntinuation	Sheet(s)
Elmission Omit	FOIII	Process	Source	Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
STANKS		HFT		40	CFR	63	DD	683					
STANKS		HFT		40	CFR	63	DD	685					
STANKS		HFT		40	CFR	63	DD	693					-
STANKS		HFT		40	CFR	63	DD	695					
STANKS		HFT		40	CFR	63	DD	696					
STANKS		HFT		6	NYCRR	229		1	d	viii		-	

Emission Unit	Emission Point	Process	Emission Source		En	nission I	Unit State	Only Red	quirements		☐ Co	ntinuation	Sheet(s)
	1 Only	1100033	Goulde	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
											-		

			Emissio	n Unit Co	mpliance (Certificati	on [Continuation	on Sheet(s)
				Rule	e Citation				
Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
Appl Appl	icable Federal Re	equirement	State (Only Requireme	ent	Capping			
Emission L	Jnit Emission Point	n Process	Emission Source	CA	S No.		Contaminan	t Name	
					ng Informat				
Intermi	uous Emission Mo ttent Emission Te nt Air Monitoring			Work Prac	g of Process or Co ctice Involving Spe eeping / Maintenar	ecific Operations			
				Des	scription				
Work Prac	ice		Proces		scription				
Work Prac	tice Code		Proces	Des	scription		Reference	ce Test Meth	od
	1-1"			s Material	scription				
Туре	1-1"		Proces	s Material Description	scription		Reference		
Туре	Code			s Material	scription				
Туре	Code	Limit		s Material Description	scription	Lin			
Туре	Code	2000000		s Material Description		Lin	Manufacture		
Туре	Code		Parameter	s Material Description Description Code		Lin	Manufacture mit Units Description		del No.





Emission Unit	Emission		Emission		Emission U	Jnit App	licable Fed	leral Rec	uirements (co	ontinuat	ion)		
CINISSION ONIC	Point	Process	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag	Clause	Sub Clause
STANKS		HFT		6	NYCRR	229		1	g			0.000	0.00
STANKS		HFT		6	NYCRR	229		3	е	2	v	- 3	
STANKS		HFT		6	NYCRR	229		5	d				
STANKS		HWT		40	CFR	63	DD	683					
STANKS		HWT		40	CFR	63	DD	685					
STANKS		HWT		40	CFR	63	DD	693					
STANKS		HWT		40	CFR	63	DD	695					
STANKS		HWT		40	CFR	63	DD	696					
STANKS		HWT		6	NYCRR	212		4	b				
STANKS		HWT		6	NYCRR	212	1	6	а				
STANKS		HWT		6	NYCRR	212		9	b				



DEC ID
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OFFICEUSE ONLY

Section IV - Emission Unit Information (continued)

		Deterr	mination of	Non-App	licability	(Title	V On	lv)		Continuation	cheet/s)
			77.77.7	Rule Cita		Assert		31		Continuation	il Stieer(a)
Title	Туре	Part	Sub Part	Section	Sub Divis	ion Pa	rag.	Sub Para	0	Clause	Sub Clause
	NYCRR	229		1	d d	ion	lag.	out i aid	g.	Clause	Sub Clause
Emission Unit	Emission	Point	Process	Emissio	n Source		⊠ App	licable Fe	deral	Requirement	
STANKS			HWT					e Only Re		and was the second	
									,		
				Descrip							
The hazardous	1000	norage ta	TRO die HOILO	itai taine, ui	ereiore une	y arc ex	tempt i	OIII O IN		R Pail 22	9.
				Rule Cita	ation						
Title	Туре	Part	Sub Part	Section	Sub Divis	ion Pa	ırag. S	ub Para	g.	Clause	Sub Clause
Emission Unit	Emission	Point	Process	Emissis	n Courne						
Littleston Onit	Linission	FOIIL	Ficcess	Emissio	n Source	-				Requirement	
		28.6					Star	e Only Re	quirer	ment	
				Descript	tion						
EMISSION UNIT CAS No.	1-11		Process Contaminant Name	Emissio		nary % of Thruput	% of Captu		of ntrol	Continuation PROCES ERP (lb/hr)	
CAS	1-11		Contaminant	Emissio		% of				PROCES	ERP How
CAS	1-11	PTE	Contaminant	Emissio	Standa	% of Thruput	Captu			PROCES ERP (lb/hr)	ERP How
CAS		PTE (lb/yr)	Contaminant			% of Thruput	Captu	e Cor	ntrol	PROCES ERP (lb/hr)	ERP How Determined
CAS No.			Contaminant Name		Standa	% of Thruput	Captu	re Cor	ntrol	PROCES ERP (lb/hr)	ERP How Determined
CAS No.			Contaminant Name		Standa	% of Thruput	Captu	re Cor	ntrol	PROCES ERP (lb/hr) A (lb/hr)	ERP How Determined ctual (lb/yr)
CAS No. (lb/hr)			Contaminant Name	rd units)	Standa Units	% of Thruput	Captu	TE How termined	ntrol	PROCES ERP (lb/hr)	ERP How Determined ctual (lb/yr)
CAS No. (lb/hr) EMISSION UNIT CAS		(lb/yr)	Contaminant Name (standar	rd units)	Standa Units	% of Thruput and b	P De % of Captu	TE How termined	of	PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr)	ERP How Determined ctual (lb/yr) ERP How Determined
CAS No. (lb/hr) EMISSION UNIT CAS No.		(lb/yr)	Contaminant Name (standar Contaminant Name	rd units)	Standa Units	% of Thruput and b	P De % of Captu	TE How termined	of	PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr)	ERP How Determined ctual (lb/yr) ERP How Determined ctual ctual ctual
CAS No. (lb/hr) EMISSION UNIT CAS		(lb/yr)	Contaminant Name (standar	rd units)	Standa Units	% of Thruput and b	P De % of Captu	TE How termined the Cor	of	PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr)	ERP How Determined ctual (lb/yr) ERP How Determined
CAS No. (lb/hr) EMISSION UNIT CAS No.		(lb/yr)	Contaminant Name (standar Contaminant Name	rd units)	Standa Units	% of Thruput and b	P De % of Captu	TE How termined the Cor	of	PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr)	ERP How Determined ctual (lb/yr) ERP How Determined ctual (lb/yr) ctual (lb/yr)
CAS No. (lb/hr) EMISSION UNIT CAS No. (lb/hr)		(lb/yr)	Contaminant Name (standar Contaminant Name	rd units)	Standa Units Standa Units	% of Thruput and b	P De % of Captu	TE How termined TE How termined TE How termined	of	PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr) A (lb/hr)	ERP How Determined ctual (lb/yr) ERP How Determined ctual (lb/yr) ctual (lb/yr)
CAS No. (lb/hr) EMISSION UNIT CAS No. (lb/hr) EMISSION UNIT CAS			Contaminant Name (standar Contaminant Name (standar	rd units)	Standa Units Standa Units	% of Thruput "" " " " " " " " " " " " " " " " " "	P De % of Captur	TE How termined TE How termined TE How termined TE Cor	of	PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr)	ERP How Determined ctual (lb/yr) ERP How Determined ctual (lb/yr) ctual (lb/yr) ERP How Determined ctual
CAS No. (lb/hr) EMISSION UNIT CAS No. (lb/hr) EMISSION UNIT CAS		(lb/yr)	Contaminant Name (standar Contaminant Name (standar	rd units)	Standa Units Standa Units	% of Thruput """ "" "" "" "" "" "" "" "" "" "" ""	P De % of Captur	TE How termined TE How termined TE How termined	of of of otrol	PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr) A (lb/hr) PROCES ERP (lb/hr)	ERP How Determined Ctual

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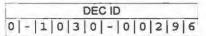
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		Section IV -	Emission Un	it Information		
EMISION UNIT S	UTIPIDIPIS	Emiss	sion Unit Desc	cription		Continuation Sheet(s)
Storage pile ope					-	
			Building			Continuation Sheet(s)
Building		Building Name		Length (ft)	Width (ft)	Orientation
B-2		Finishing Plant				
B-1		Primary Plant				
			Emission Poir	nt	⊠ (Continuation Sheet(s)
EMISSION POINT	121212121CH					
Ground Elevation (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temperature (°F)	Cross : Length (in)	Section Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
EMISSION POINT	0 0 0 2 3					
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross	Section
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
	1	A company of the comp				

Emission Source ID Typ DPCHT K Design Capacity Coc	Design Ca	Date of Operation apacity Units Description		Code	Control Type Description Drop Chute Waste Feed		urer's Name / Model No Drop Chute Waste Type
DPCHT K Design	Design Ca	apacity Units			Drop Chute Waste Feed		Drop Chute
Design Capacity Coo	Design Ca		3	Code	Waste Feed		-130
Capacity Coo			5	Code	277778 77778		Waste Type
000	le	Description		Code	The state of the s		
Federales Course				Code	Description	Code	Description
	Date of	Date of	Date of	4	Control Time		
				Control Type			
ID Typ	e Constructio	n Operation	Removal	Code	Description	Manufactu	irer's Name / Model No
DRCHT K					Drop Chute		Drop Chute
Design	Design C	apacity Units	5		Waste Feed		Waste Type
Capacity Coo	e	Description		Code	Description	Code	Description





		Emissio	n Point (conti	inuation)		
EMISSION UNIT	SITIPIOIPIS				EMISSION POIN	T 0 0 0 2 8
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se	ection
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
EMISSION UNIT	STPOPS				EMISSION POIN	T 0 0 0 2
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se	ection
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
EMISSION UNIT	STPOPS				EMISSION POIN	T 0 0 0 0 3 1
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
EMISSION UNIT	STPOPS	-			EMISSION POIN	т 0 0 0 3
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
EMISSION UNIT	STPOPS				EMISSION POIN	T 0 0 0 3
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
EMISSION UNIT	STPOPS				EMISSION POIN	IT 0 0 0 3
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross S	
(ft)	(ft)	Structure (ft)	(in)	(°F)	Length (in)	Width (in)
210						
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal



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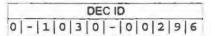


EMISSION UNIT	STPOPS			<u> </u>	EMISSION POIN	T 0 0 0 3 1
Ground Elevation	Height	Height Above	Inside Diameter	Exit Temperature	Cross Se	ection
(ft)	(ft)	Structure (ft)	(in)	(^o F)	Length (in)	Width (in)
210				1		
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

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EMISION UNIT			Emissi	on Sou	rce/Cor	ntrol (continuation	n)	
SITIPIOIPIS					100,001			
Emission Sc	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	turer's Name / Model No
WTSFL	K				61			Water Spray
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	De	escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	turer's Name / Model No
WTSFS	К				61			Water Spray
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction			Code	Description	Manufact	turer's Name / Model N
WTSKC	K				61			Water Spray
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N
WTSPY	K				61			Water Spray
Design		Design Cap	pacity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of		Control Type		Called a Consider
ID	Туре	Construction	Operation	Removal	Code	Description	Manufac	turer's Name / Model N
WTSTD	K				61			Water Spray
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	OUECC.	Date of	Date of	Date of		Control Type		
ID	Туре			100000000000000000000000000000000000000	Code	Description	Manufac	turer's Name / Model N
BKMSP	I				Code	Description	10000000	oading & Storage
Design	-	Design Car	pacity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
			1 6 7 7					
Emission Se		Date of Construction	Date of	Date of	0-1	Control Type	Manufac	turer's Name / Model N
ID	Туре	Construction	Operation	removal	Code	Description		
FINSP	ı						Stor	rage Pile Operations
Design		Design Car		3		Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description





MISION UNIT	-		Emissi	ion Sou	rce/Co	ntrol (continuation	n)	
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model No
FLTSP	1						Stora	ge Pile Operations
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	De	escription		Code	Description	Code	Description
Emission So	urce	Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model No
FSTSP	1						Stora	age Pile Operations
Design	1	Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description
	1							
Emission So	urce	Date of	Date of	Date of		Control Type	I Variation	A Charles was a bas
ID	Туре	Construction	Operation	Removal	Code	Description	17.007.00	urer's Name / Model No
KN1CP	1						Clini	ker Pile Operations
Design		Design Cap	acity Units			Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So		Date of Construction	Date of	Date of	-	Control Type	Manufact	urer's Name / Model No
ID KN2CP	Туре	Construction	Operation	Kellioval	Code	Description	1035-1127-12	ker Pile Operations
7317-71	1						Circ	
Design Capacity	-	Design Car			-	Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission So	ource	Date of	Date of	Date of		Control Type	+	
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	urer's Name / Model No
KNFSP	1 1						Stora	age Pile Operations
Design	1	Design Car	acity Units			Waste Feed	-	Waste Type
Capacity	Code		escription		Code	Description	Code	Description
	1							
Emission So		Date of	Date of	Date of		Control Type		
ID	Туре	Construction	Operation	Removal	Code	Description	Manufact	turer's Name / Model N
TEHSP	1						Stor	age Pile Operations
Design		Design Car	pacity Units	5		Waste Feed		Waste Type
Capacity	Code	D	escription		Code	Description	Code	Description
Emission Se	ource	Date of	Date of	Date of		Control Type		
ID	Туре	Construction			Code	Description	Manufac	turer's Name / Model N
TQTSP	1						Stor	age Pile Operations
Design		Design Car	pacity Units	s		Waste Feed		Waste Type
Capacity	Code		escription		Code	Description	Code	Description



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Section IV - Emission Unit Information (continued)

			Process In	formation		☐ Cor	ntinuation Sheet(s)	
EMISSION UNI	T S T P O	PS					CESS PPS	
			Descri	iption				
Primary Pla	int Storage Pil	e Operations.						
		clude the loadi	ng of material of	onto piles and	unloading of m	naterial from p	iles.	
-								
_		_						
		~						
-						-		
	assification		'hruput		Thruput Qua			
Code	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description		
			Operating					
Confident		Building	Floor	ocation				
	at Maximum Ca		Hrs/Day	Days/Yr		FIOOI/L	ocation	
☐ Activity w	rith Insignificant E		24	365	B-1			
		Emissi	on Source/Control	Identifier(s) (con	tinued)			
WTSKC	KN1CP	KN2CP	KNFSP					
EMISSION UNI	T STPO	ple				PPC	CESS F P S	
EMISSION ON	SITIPIOI	PIS				PRO	CESS F F F	
			Descr	iption				
		Pile Operations.			total a alta a a Ka	4.16	31=	
Storage pile	e operations in	nclude the loadi	ng of material	onto piles and	unloading of m	natenal from p	iles.	
							•	
Source CI	assification	Total 7	Thruput		Thruput Qu	antity Units		
	(SCC)	Quantity/Hr	Quantity/Yr	Code		Description		
Confiden	tial		Operating	Schedule				
_	g at Maximum Ca	pacity	Hrs/Day	Days/Yr	Building	Floor/L	ocation	
	vith Insignificant E		24	365	B-2			
	-	The state of the s	ion Source/Contro	I Identifier(s) (cor	ntinued)			
DPCHT	DRCHT	WTSFL	WTSFS	WTSPY	WTSTD	BKMSP	FINSP	
FLTSP	FSTSP	TEHSP	TQTSP					
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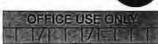
F	Emission		Emission	Emission Unit Applicable Federal Requirements							Continuation Sheet(s)			
Emission Unit			Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause	
STPOPS	-	FPS		6	NYCRR	212		6	а					
STPOPS		PPS		6	NYCRR	212		6	а					
					-									
						+								

	Emission		Emission		En	nission (Jnit State	Only Red	quirements		☐ Co	ntinuation	Sheet(s)
Emission Unit	Point	Process	Source	Title	Туре	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause
						-							
					-	-							

			Emissio	n Unit Co	mpliance (Certificati	on [Continuation	on Sheet(s)	
				Rule	e Citation				,	
Title	Туре	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause	
Applic	able Federal Req	uirement	State 0	Only Requireme	ent	Capping				
Emission Ur	Emission Point	Process	Emission Source	CA	S No.		Contaminant Name			
				Monitorii	ng Informat	tion				
Intermitte	ous Emission Mor ent Emission Tes Air Monitoring			Work Pra	g of Process or Co ctice Involving Spe eeping / Maintenar	ecific Operations				
	-			De	scription					
Work Practi	ce	-	Proces	ss Material	5011011		Referen	ce Test Meth	nod	
Work Practi	Ce Code		Proces				Referen	ce Test Meth	nod	
- String refer				ss Material						
- String refer	Code		Proces	ss Material			Referen			
Туре	Code	imit		ss Material Description		Li				
Type Cod	Code	imit		ss Material Description		Li	Manufacture			
Type Cod	Code		Parameter	Description Description Cox		Li	Manufacture mit Units Description		odel No.	



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		Section	IV - Emissi	on Unit i	nformatio	n (co	ntinued)		
		Determ	ination of	Non-App	licability (Title	V Only)		Continuatio	n Sheet(s)
				Rule Cita	ation					
Title	Туре	Part	Sub Part	Section	Sub Divisio	n Pa	rag. Sub	Parag.	Clause	Sub Clause
6	NYCRR	212		4	C					
Emission Unit	Emission	Point	Process	Emissio	n Source		Applica	ble Federal I	Requirement	
STPOPS			PPS				State C	nly Requirer	ment	
				Descrip						
	does not cont it of 0.05 gr/ds							c exhaust	flow to ap	oply to
				Rule Cita	ation					
Title	Туре	Part	Sub Part	Section	Sub Divisio	n Pa	rag. Sut	Parag.	Clause	Sub Claus
6	NYCRR	212		4	С					
Emission Unit	Emission	Point	Process	Emissio	on Source	_ [Requirement	
STPOPS			FPS				State C	nly Require	ment	
				Descrip	tion					
			Process	Emissio	ns Summ	ary			Continuation	n Sheet(s)
MISSION UN	IT -	1111							PROCE	ss
CAS		-	Contaminant			% of	% of	% of	ERP	ERP How
No.			Name		T	hruput	Capture	Control	(lb/hr)	Determine
		DTE			Charden		DTE	How		Cabral
Alle de al		PTE	Totanda.	ed continue	Standar Units	a		rmined		Actual
(lb/hr)		(lb/yr)	(standar	u units)		-			(lb/hr)	(lb/yr)
MISSION UN	IT -	111							PROCE	ss
CAS		_	Contaminant			% of	% of	% of	ERP	ERP Hov
No.			Name		Т	hruput	Capture	Control	(lb/hr)	Determine
		PTE			Standar	d	PTE	How		Actual
(lb/hr)		(lb/yr)	(standar	rd units)	Units			rmined	(lb/hr)	(lb/yr)
MISSION UN	IT -								PROCE	
CAS No.		Contaminant Name				% of hruput	% of Capture	% of Control	ERP (lb/hr)	ERP Ho

PTE

(lb/yr)

(standard units)

Standard

Units

PTE How

Determined

(lb/yr)

(lb/hr)

Actual

(lb/hr)



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NOT APPLICABLE

		Reques	t for Emis	sion R	eduction Cr	edits		ontinuation Sheet(s)
EMISSION UNIT	-							
		Emi	ission Red	duction	Description	<u> </u>		
		Contan	ninant Fm	ission	Reduction [Data		
ļ			THE LITT	1331011	Teduction L	Jala	Reduc	tion
Baseline Period			to			Date		Method
-					-	1. 1	— İ	
CAS No.			Contaminant	t Name			ERC (lb	
-						Netting		Offset
		· - ·						
	_							
		Fac	ility to Use	Futur	e Reduction	n		
Name						APPLIC	ATION ID	
Location Address					<u> </u>	<u> </u>	1	
☐ City / ☐ Town / ☐ '	Village				State		Zip	
		Use	of Emissio	n Redi	uction Cred	its		ontinuation Sheet(s)
EMISSION UNIT	-							
		Pro	oposed Pr	oject E	Description			
			 					
							_	
			<u> </u>					
		Cantan	ain and Fusi	• •				
		Contan			Increase E)ata		
CAS No.	<u> </u>		Contaminar	nt Name			PEP (I	os/yr)
	-		24-4	- (0				
All footilates and a standard			Statement		•			
 All facilities under the any compliance certi consent order. 	e ownership of fication require	this "ownership/fi ements under Sec	irm" are operating ction 114(a)(3) of	in complia the Clean A	nce with all applicat ir Act Amendments	ole requirements of 1990, or are	s and state meeting th	regulations including e schedule of a
	S	Source of E	Emission F	Reduct	ion Credit -	Facility		
Name							MIT ID	
Location Address					-	<u> </u>		1/1 1 1
☐ City / ☐ Town / ☐ \	√illage	-			State		Zip	
Emission Unit	CA	S No.	Con	taminant	Name	KIee	ERC (I	bs/yr)
					·	Nettii	1 g	Offset
-								



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APPLICATION ID
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Supporting Documentation	
□ P.E. Certification (form attached)	
☑ List of Exempt Activities (form attached)	
☑ Piot Plan	
⊠ Calculations	
Air Quality Model (//)	
☐ Confidentiality Justification	
Ambient Air Monitoring Plan (//)	
Stack Test Protocols/Reports (/_/_)	
Continuous Emissions Monitoring Plans/QA/QC (/_/_)	
☐ MACT Demonstration (//)	
☐ Operational Flexibility: Description of Alternative Operating Scenarios and Protocols	
☐ Title IV: Application/Registration	
☐ ERC Quantification (form attached)	
☐ Use of ERC(s) (formattached)	
☐ Baseline Period Demonstration	
Analysis of Contemporaneous Emission Increase/Decrease	
LAER Demonstration (//)	
BACT Demonstration (//)	
Other Document(s):	()



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P.E. Certification

I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments as they pertain to the practice of engineering. This is defined as the performance of a professional service such as consultation, investigation, evaluation, planning, design or supervision of construction or operation in connection with any utilities, structures, buildings, machines, equipment, processes, works, or projects wherein the safeguarding of life, health and property is concerned, when such service or work requires the application of engineering principals and data. Based on my inquiry of those individuals with primary responsibility for obtaining such information, I certify that the statements and information are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name of P.E.

Signature of P.E.

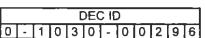
David A Myers
David A Myers

Date _/2/ 5/97

NYS License No.

61989

Phone (518) 4/52 - 4/29/





List of Exempt Activities (from NYCRR Part 201)

Instructions for Completing Table

Applicants for Title V permits are required to provide a list of exempt activities in the application form. This includes all process or production units and other emission generating activities which are considered exempt as defined by 6 NYCRR Part 301-3.2. Completion of this table fulfills that requirement.

To complete the table, provide the following information for each exempt activity that occurs at the facility defined by this application:

- a. The approximate number of each listed activity, and,
- b. For location of the activity enter the building ID(s) used in the main application form. Use the building name if a building ID(s) has not been assigned.

If a listed activity does not occur at the facility, leave blank.

	Combustion		
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location
(1)	stationary or portable combustion installations where the furnace has a maximum rated heat input capacity <10mmBtu/hr burning fossil fuels, other than coal, and coal and wood fired stationary combustion units with a maximum heat input <1mmBtu/hr this includes unit space heaters, which burn waste oils as defined in 6 NYCRR Part 225-2 and generated on-site, alone or in conjunction with used oil generated by a do-it-yourself oil changer as defined in 6 NYCRR Subpart 374-2		
(2)	stationary or portable combustion installations located outside of any severe ozone non-attainment areas, where the furnace has a maximum rated heat input capacity <20 mmBtu/hr burning fossil fuels other than coal, where the construction of the combustion installation commenced before 6/8/89		
(3)(i)	diesel or natural gas powered stationary or portable internal combustion (IC) engines within any severe ozone non-attainment area having a maximum mechanical power rating <225bhp		
(3)(ii)	diesel or natural gas powered stationary or portable IC engines located outside of any severe ozone non-attainment areas having a maximum mechanical power rating <400 bhp		
(3)(iii)	gasoline powered IC engines having a maximum mechanical power rating <50bhp		
(4)	stationary or portable IC engines which are temporarily located at a facility for a period <30 days/calendar year, where the total combined maximum mechanical power rating for all affected units is <1000bhp		
(5)	gas turbines with a heat input at peak load <10mmBtu/hr		
(6)	emergency power generating units installed for use when the usual sources of heat, power, water and lighting are temporarily unobtainable, or which are installed to provide power <500 hrs/yr and excluding those units under contract w/ a utility to provide peak shaving generation to the grid		
	Combustion-Related		
(7)	non-contact water cooling towers and water treatment systems for process cooling water and other water containers designed to cool, store or otherwise handle water that has not been in direct contact with gaseous or liquid process streams		



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	Agricultural		
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location
(8)	feed and grain milling, cleaning, conveying, drying and storage operations including grain storage silos, where such silos exhaust to an appropriate emission control device, excluding grain terminal elevators with permanent storage capacities over 2.5 million US bushels, and grain storage elevators with capacities above 1 million bushels		
(9)	equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators and electrical power generating equipment		
	Commercial-Food Service Industries		
(10)	flour silos at bakeries, provided all such silos are exhausted through an appropriate emission control device		
(11)	emissions from flavorings, added to a food product where such flavors are manually added to the product		
	Commercial-Graphic Arts	-	
(12)	screen printing inks/coatings or adhesives which are applied by a hand-held squeegee (i.e. one that is not propelled thru the use of mechanical conveyance and is not an integral part of the screen printing process)		
(13)	graphic arts processes at facilities located outside the NYC metropolitan area whose facility-wide total emissions or VOC's from inks, coatings, adhesives, fountain solutions and cleaning solutions does not exceed 20 lbs/day		
(14)	graphic label and/or box labeling operations where the inks are applied by stamping or rolling		
(15)	graphic arts processes which are specifically exempted from regulation under Part 234 with regard to emissions of VOC's which are not given an A rating		
	Commercial-Other		
(16)	gasoline dispensing sites with an annual thruput <120,000 gal located outside any severe non-attainment areas		
(17)	surface coating related operations which use less than 25 gal/mo of coating materials (paints) and cleaning solvents, combined, subject to the following: - the facility is located outside of severe ozone non-attainment area all abrasive cleaning and surface coating operations are performed in an enclosed building where such operations are exhausted into appropriate emission control devices		
(18)	abrasive cleaning operations which exhaust to an appropriate emission control device		
(19)	ultraviolet curing operations		
	Municipal/Public Health Related		
(20)	ventilating systems for landfill gases, where the systems are vented directly to the atmosphere, and the ventilating system has been required by, and is operating under, the conditions of a valid Part 360 permit, or Order on Consent		



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List of Exempt Activities (from NYCRR Part 201)

Storage Vessels								
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location					
(21)	distillate and residual fuel oil storage tanks with storage capacities <300,000 bbls	11	B-4					
(22)	pressurized fixed roof tanks which are capable of maintaining a working pressure at all times to prevent emissions of VOC's to the outdoor atmosphere							
` '	external floating roof tanks which are of welded construction and are equipped with a metallic-type shoe primary seal and a secondary seal from the top of the shoe seal to the tank wall							
(24)(i)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a metallic-type shoe seal							
(24)(ii)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a liquid-mounted foam seal							
(24)(iii)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a liquid-mounted liquid-filled type seal							
(24)(iv)	external floating roof tanks which are used for the storage of a petroleum or volatile organic liquid with a true vapor pressure <4.0 psi (27.6 kPa), are of welded construction and are equipped with a control equipment or device equivalent to those previously listed in items (24) (i) thru (iii)							
(25)	storage tanks, with capacities <10,000 gal, except those subject to either Part 229 or Part 233	8	B-4 and B-1					
(26)	horizontal petroleum storage tanks		_					
(27)	storage silos storing solid materials, provided all such soils are exhausted thru an appropriate emission control device	8	B-1					
	Industrial							
(28)	processing equipment at existing sand and gravel and stone crushing plants which were installed or constructed before 8/31/83, where water is used other than for dust suppression, such as wet conveying, separating and washing							
(29)(i)	all processing equipment at sand and gravel mines or quarries that permanent or fixed installations with a maximum rated processing capacity ≤25 tph of minerals							
(29)(ii)	all processing equipment at sand and gravel mines or quarries that mobile (portable) installations with a maximum rated processing capacity ≤150 tph of minerals							
(30)	mobile (portable) stone crushers with maximum rated capacities ≤150 tph of minerals which are located at nonmetallic mineral processing operations							
(31)	surface coating operations which are specifically exempted from regulation under Part 228, with regard to emissions of VOC's which are not given an A rating							
(32)	pharmaceutical tablet branding operations							
(33)	thermal packaging operations, including but not limited to, therimage labelling, blister packing, shrink wrapping, shrink banding, and carton gluing							



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Industrial (continued)								
Rule Citation 201-3.2(c)	Description	No. of Activities (approx.)	Building Location					
(34)	powder coating operations							
(35)	all tumblers used for the cleaning and/or deburring of metal products without abrasive blasting							
(36)	presses used exclusively for molding or extruding plastics except where halogenated carbon compounds or hydrocarbon solvents are used as foaming agents							
(37)	concrete batch plants where the cement weigh hopper and all bulk storage silos are exhausted thru fabric filters, and the batch drop point is controlled by a shroud or other emission control device							
(38)	cement storage operations where materials are transported by screw or bucket conveyors							
(39)(i)	non-vapor phase cleaning equipment with an open surface area ≤11 sq ft and an internal volume ≤93 gal or, having an organic solvent loss ≤3 gal/day							
(39)(ii)	non-vapor phase cleaning equipment using only organic solvents with an initial boiling point ≥300°F at atmospheric pressure							
(39)(iii)	non-vapor phase cleaning equipment using materials with a VOC content ≤2% by volume							
	Miscellaneous							
(40)	ventilating and exhaust systems for laboratory operations	2	B-1					
(41)	exhaust or ventilating systems for the melting of gold, silver, platinum, and other precious metals							
(42)	exhaust systems for paint mixing, transfer, filling or sampling and/or solvent storage rooms or cabinets, provided the paints stored within these locations are stored in closed containers when not is use							
(43)	exhaust systems for solvent transfer, filling or sampling and/or solvent storage rooms provided the solvent stored within these locations are stored in closed containers when not is use	1	B-1					
(44)	research and development activities, including both stand-alone and activities within a major stationary source, until such time as the Administrator completes a rulemaking to determine how the permitting program should be constructed for these activities							
(45)	the application of odor counteractants and/or neutralizers							

NORLITE CORPORATION INITIAL TITLE V FACILITY PERMIT APPLICATION OPERATIONAL FLEXIBILITY PLAN

ALTERNATE OPERATING SCENARIOS

Consistent with the provisions of 6 NYCRR Part 201-6.5 (f) - Operational Flexibility, Norlite Corporation (Norlite) has created alternate operating scenarios for the following emissions units:

- CRUSHS Shale and Lightweight Aggregate Crushers; and
- MISCES Miscellaneous Emission Sources.

Norlite has developed two future processes and a variety of existing processes for these units as a means of accommodating future changes. These processes have been built into this application as a means of obtaining NYSDEC's preapproval of identified operational modifications. The objective is to alleviate the need to obtain case specific NYSDEC approval to make identified changes after Title V permit issuance. Please see the attached Table 2, which contains the future processes and their corresponding applicable requirements.

Emission Unit: CRUSHS and MISCES

Norlite tentatively plans to relocate the following Primary Plant processes to their Quarry by the year 2000:

- 212 and OOO (Emission Unit CRUSHS); and
- PSH (Emission Unit MISCES).

Processes 212 and OOO represent the Primary Plant secondary crusher (SECCH) and portable crusher (PRTJC) respectively. Process PSH represents the Primary Plant screen (PRMSR), screen hopper (PRMSH), crusher feed hopper (FEDHP), and triple deck screen for crusher operations (TRPDS).

Norlite also plans to replace SECCH and its screening equipment, conveyors, and water spray equipment with a similar crusher (FSCRH) and support equipment which is represented in emission unit CRUSHS by process FSC and emission unit MISCES by process PSH respectively. Crusher FSCRH will be applicable to 6 NYCRR Part 212 and NSPS 40 CFR 60 Subpart OOO while it is anticatped that the new screening equipment and conveyors will be applicable to 6 NYCRR Part 212. Please reference Table 1 contained in the front of Section 3 for the emission unit structure.

Also by the year 2000 Norlite anticipates operating a new process: pelletization of shale fines. This is a process currently not performed by Norlite. The pelletizer operation is represented by process PEL contained in emission unit MISCES. It is anticipated that this new process will be applicable to 6 NYCRR Part 212.

By including the future Primary Plant equipment relocation in this operational flexibility plan, and by including future processes FSC and PEL in the Title V application, Norlite's goal is to obtain NYSDEC pre-approval without resubmitting an Emission Unit application form for these modifications. Given NYSDEC's pre-approval, Norlite will subsequently submit a 15 day advance notification (subsequent to Title V permit issuance) consistent with the requirements of 201-6.7(c) Minor Permit Modifications to NYSDEC in advance of initiating construction activities. No other notifications or requests for approval are expected to be necessary.

Norlite is using this opportunity to also reiterate their future Part 373 modifications to NYSDEC:

- Convert temporary wastewater treatment containment pad into a drum storage area;
- Expansion of their truck off loading pad by two additional bays;
- Expansion of their drum processing building for additional drums as well as work space; and
- Begin solids feed operation using their Auger Feed system that will be demonstrated during their next trial burn.

Norlite Corp. Cohoes, NY

Table 2: Applicable Requirements for Processes FSC and PSH

Emission Unit	Emission Unit Description	Process	Process Description	Applicable Requirement(s)	
CRUSHS	Shale and Lightweight Aggregate Crushers	FSC	Future shale crusher.	212.6 (a) 40 CFR 60.672 (c) 40 CFR 60.675 (c)	
MISCES	Transportation, loading and unloading of product, Kiln feed and rim seal, screening and hopper operations, unloading of fuel, drum storage, fuel transfer system, future screen, conveyor and pelletizer, and quarry operations.	PSH	Pelletizer.	212.6 (a)	
		PSH	Primary Plant Screen, Hopper, Conveyors, Belts, and Stacker Conveyor.	212.6 (a)	

Table 3: PTE and ERP Emission Rate Calculations

Emission Unit	Process/ Emission Source	Pollutant	CAS No.	Basis of Calculation		Calculatio	n Method			PTE and ERP Emission Rate, lb/hr
KILNSG	KCC	Particulates	NY075-00-0	212.4 (c)	0.05 gr/dscf	x 68,200 cuft/min	x lb/7,000 gr	x 60 min/hr	==	29.23
KILNSG	KHF	Carbon Monoxide	00630-08-0	374-1.8 (c)	100 ppmv at	96,000 cuft/min	and 135 F.	Converted	to	38.89
KILNSG	KHF	Lead	07439-92-1	374-1.8 (g)	Trial burn.					0.00087
KILNSG	KHF	Mercury	07439-97-6	374-1.8 (g)	Trial burn.					0.106
KILNSG	KHF	Nickel	07440-02-0	374-1.8 (g)	Trial burn.					0.02
KILNSG	KHF	Silver	07440-22-4	374-1.8 (g)	Trial burn.					0.001
KILNSG	KHF	Thallium	07440-28-0	374-1.8 (g)	Trial burn.					0,00014
KILNSG	KHF	Antimony	07440-36-0	374-1.8 (g)	Trial burn.					0.002
KILNSG	KHF	Arsenic	07440-38-2	374-1.8 (g)	Trial burn.					0.00084
KILNSG	KHF	Barium	07440-39-3	374-1.8 (g)	Trial burn.					0.002
KILNSG	KHF	Beryllium	07440-41-7	374-1.8 (g)	Trial burn.					0.00013
KILNSG	KHF	Cadmium	07440-43-9	374-1.8 (g)	Trial burn.					0.002
KILNSG	KHF	Chromium	07440-47-3	374-1.8 (g)	Trial burn.					0.003
KILNSG	KHF	Copper	07440-50-8	374-1.8 (g)	Trial burn.					0.001
KILNSG	KHF	Zinc	07440-66-6	374-1.8 (g)	Trial burn.					0.064
KILNSG	KHF	Chromic Acid	07738-94-5	374-1.8 (g)	Trial burn.					0.000096
KILNSG	KHF	Selenium	07782-49-2	374-1.8 (g)	Trial burn.					0.001
KILNSG	KHF	Sulfur Dioxide	07446-09-5	373-2.15	Trial burn.					60
KILNSG	KHF	Particulates	ı	374-1.8 (f)	0.08 gr/dscf	x 96,000 cuft/min	x lb/7.000 gr	x 60 min/hr	=	65.83
KILNSG	KHF	Chlorine	07782-50-5	374-1.8 (h)	Trial burn.	•				0.062
KILNSG	KHF	HCL	07647-01-0	374-1.8 (h)	Trial burn.					4.6
KILNSG	KHF	Oxides of Nitrogen	1	373-2.15	Trial burn.					122
KILNSG	KNF	Carbon Monoxide	00630-08-0	374-1.8 (c)	500 ppmv at	96,000 cuft/min	and 135 F.	Converted	to	194.46
KILNSG	KNF	Lead	07439-92-1	374-1.8 (g)	Trial burn.	·				0.00087
KILNSG	KNF	Mercury	07439-97-6	374-1.8 (g)	Trial burn.					0.106
KILNSG	KNF	Nickel	07440-02-0	374-1.8 (g)	Trial burn.					0.02
KILNSG	KNF	Silver	07440-22-4	374-1.8 (g)	Trial burn.					0.001
KILNSG	KNF	Thallium	07440-28-0	374-1.8 (g)	Trial burn.					0.00014
KILNSG	KNF	Antimony	07440-36-0	374-1.8 (g)	Trial burn.					0.002
KILNSG	KNF	Arsenic	07440-38-2	374-1.8 (g)	Trial burn.					0.00084
KILNSG	KNF	Barium	07440-39-3	374-1.8 (g)	Trial burn.					0.002
KILNSG	KNF	Beryllium	07440-41-7	374-1.8 (g)	Trial burn.					0.00013
KILNSG	KNF	Cadmium	07440-43-9	374-1.8 (g)	Trial burn.					0.002
KILNSG	KNF	Chromium	07440-47-3	374-1.8 (g)	Trial burn.					0.003
KILNSG	KNF	Copper	07440-50-8	374-1.8 (g)	Trial burn.					0.001
KILNSG	KNF	Zinc	07440-66-6	374-1.8 (g)	Tria! burn.					0.064
KILNSG	KNF	Chromic Acid	07738-94-5	374-1.8 (g)	Trial burn.					0.000096
KILNSG	KNF	Selenium	07782-49-2	374-1.8 (g)	Trial burn.					0.001
KILNSG	KNF	Sulfur Dioxide	07446-09-5	373-2.15	Trial burn.					60
KILNSG	KNF	Particulates	NY075-00-0	374-1.8 (f)	0.08 gr/dscf	x 96,000 cuft/min	x lb/7,000 gr	x 60 min/hr	=	65.83
KILNSG	KNF	Chlorine	07782-50-5	374-1.8 (h)	Trial burn.					0.062
KILNSG	KNF	HCL	07647-01-0	374-1.8 (h)	Triel burn.					4.6
KILNSG	KNF	Oxides of Nitrogen	NY210-00-0	373-2,15	Trial burn.					122
MISCES	FSH	Particulates	NY075-00-0	212.4 (c)	0.05 gr/dscf	x 36,000 cuft/min	x lb/7,000 gr	x 60 min/hr	=	15.429

