

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

16731

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
EPN 2	Cement Kiln Firing Waste-Derived Fuel			NO <sub>x</sub>	725.0	3176.0
				CO	100.0	438.0
				PM	80.9	354.0
				VOC	9.1	39.9
				THC	10.5	46.0
				SO <sub>2</sub>	1084.0	4748.0
				HCl	20.0	87.6
				Sb	0.0023	0.0102
				As	0.0003	0.0013
				Ba	0.0827	0.3621
				Be	0.00003	0.00013
				Cd	0.0059	0.0260
				Cr	0.0015	0.0064
				Pb	0.0620	0.2700
				Hg	0.0146	0.0639
				Ag	0.0014	0.0063
				Tl	0.0038	0.0166
EPN 6	Cement Kiln Firing Waste-Derived Fuel			NO <sub>x</sub>	725.0	3176.0
				CO	100.0	438.0
				PM	80.9	354.0
				VOC	9.1	39.9
				THC	10.5	46.0
				SO <sub>2</sub>	1084.0	4748.0
				HCl	20.0	87.6
				Sb	0.0023	0.0102
				As	0.0003	0.0013
				Ba	0.0827	0.3621
				Be	0.00003	0.00013
				Cd	0.0059	0.0260
				Cr	0.0015	0.0064
				Pb	0.0620	0.2700

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Hg	0.0146	0.0639
Ag	0.0014	0.0063
Tl	0.0038	0.0166

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### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u>	
				TPY	
EPN 12	Cement Kiln Firing Waste-Derived Fuel	NO <sub>x</sub>	725.0	3176.0	
		CO	100.0	438.0	
		PM	19.1	83.7	
		VOC	9.1	39.9	
		THC	10.5	46.0	
		SO <sub>2</sub>	1084.0	4748.0	
		HCl	20.0	87.6	
		Sb	0.0023	0.0102	
		As	0.0003	0.0013	
		Ba	0.0827	0.3621	
		Be	0.00003	0.00013	
		Cd	0.0059	0.0260	
		Cr	0.0015	0.0064	
		Pb	0.0500	0.2200	
		Hg	0.0146	0.0639	
		Ag	0.0014	0.0063	
		Tl	0.0038	0.0166	
	Total SO <sub>2</sub> Emissions From EPNs 2, 6 and 12	SO <sub>2</sub>	1657.0	7258.0	
	Fugitive Emissions From Waste Fuel Handling Facility (4)	VOC	0.604	2.65	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter  
VOC - volatile organic compounds as defined in General Rule 101.1  
THC - total hydrocarbons  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
HCl - hydrogen chloride  
Sb - antimony  
As - arsenic  
Ba - barium  
Be - beryllium  
Cd - cadmium

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Cr - chromium

Pb - lead

Hg - mercury

Ag - silver

Tl - thallium

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Revised \_\_\_\_\_