

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5296 and PSD-TX-24M1

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 Name (2)	Name (3)	Air Contaminant lb/hr TPY	Emission Rates *	
Case I: Firing 100 Percent Coal and UOF					
GID34EX	Kiln No. 2 Stack		NO _x	238.0	1042.4
			SO ₂	87.0	381.1
			VOC	3.8	16.6
			CO	60.0	262.8
			PM	22.0	96.4
			PM ₁₀	10.0	43.8
			H ₂ SO ₄	0.4	1.6
Case II: Firing 60 Percent Coal, UOF, and 40 Percent Tire Derived Fuel (TDF)					
GID34EX	Kiln No. 2 Stack		NO _x	236.3	1035.0
			SO ₂	84.0	367.9
			VOC	15.1	66.1
			CO	79.9	350.0
			PM	21.6	94.6
			PM ₁₀	10.0	43.8
			H ₂ SO ₄	0.4	1.6
Case III: Firing 100 Percent Natural Gas and UOF					
GID34EX	Kiln No. 2 Stack		NO _x	446.4	1955.2
			SO ₂	84.0	367.9
			VOC	15.1	66.1
			CO	95.9	420.0
			PM	18.6	81.5

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PM ₁₀	10.0	43.8
H ₂ SO ₄	0.4	1.6

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air	Contaminant Name (3)	<u>Emission Rates *</u>	
				lb/hr	TPY

Case IV: Firing 60 Percent Natural Gas,
UOF, and 40 Percent TDF

GID34EX	Kiln No. 2 Stack		NO _x	446.4	1955.2
			SO ₂	84.0	367.9
			VOC	15.1	66.1
			CO	95.9	420.0
			PM	18.6	81.5
			PM ₁₀	10.0	43.8
			H ₂ SO ₄	0.4	1.6

GID6EX	Clinker Cooler		PM	7.2	31.5
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- (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
 - PM₁₀ - particulate matter less than 10 microns
 - VOC - volatile organic compounds as defined in General Rule 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - H₂SO₄ - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) UOF - Used oil filter paper fluff.

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

Hrs/day____Days/week____Weeks/year____or Hrs/year____

Dated:_____