

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)	lb/hr	Air Contaminant TPY	Emission Rates *	
Case I: Firing 100 Percent Coal and UOF						
GBH-7/8	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)						
GBH-7/8	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						
GBH-7/8	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

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H ₂ SO ₄	0.4	1.6
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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
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Case IV: Firing 60 Percent Natural Gas, UOF, and 40 Percent TDF

GBH-7/8	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

- (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.

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

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Hrs/day____Days/week____Weeks/year____or Hrs/year____

Dated:_____