

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9540

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)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
1	Kiln Exhaust Stack	NO _x	2.32	10.2
		VOC	1.64	7.2
		CO	20.7	90.7
		PM	6.23	27.3
		PM ₁₀	3.12	13.6
		SO ₂	23.8	104.2
		HF	1.76	7.7
		HCl	1.44	6.3
2	Dryer Room Exhaust	NO _x	2.81	12.3
		VOC	1.90	8.32
		CO	8.88	38.9
		PM	3.48	15.24
		PM ₁₀	1.74	7.62
		SO ₂	0.53	2.32
		HF	0.04	0.19
		HCl	0.06	0.25
3	Grog Crusher	PM	0.02	0.004
		PM ₁₀	0.008	0.002
4	Dry Scrap Material Transfer Point	PM	0.003	0.006
		PM ₁₀	0.001	0.003
5	Boiler 1.1 MMBtu/hr	NO _x	0.11	0.48
		VOC	0.006	0.026
		CO	0.09	0.41
		PM ₁₀	0.008	0.038
		SO ₂	0.001	0.003

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
6	Generator 67 hp	NO _x	2.08	0.10
		VOC	0.19	0.01
		CO	0.45	0.02
		PM ₁₀	0.15	0.01
		SO ₂	0.14	0.01
7	500-Gallon Gasoline Tank	VOC	7.1	0.1
8	1,000-Gallon Diesel Tank	VOC	0.02	0.01
FUG 1	Grog Grinding Room (4)	PM	0.38	0.19
		PM ₁₀	0.10	0.04
FUG 2	Clay Grinding Room (4)	PM	0.86	1.34
		PM ₁₀	0.002	0.004
FUG 3	Manufacturing Fugitives (4)	PM	0.42	0.79
		PM ₁₀	0.0002	0.001
FUG 4	Limestone Grinding Fugitives (4)	PM	0.17	0.29
		PM ₁₀	0.0071	0.004
FUG 5	Lime Storage Fugitives (4)	PM	0.11	0.5
		PM ₁₀	0.06	0.25
FUG 6	Mixing Room Fugitives(4)	PM	0.30	0.47
		PM ₁₀	0.0003	0.001

(1) Emission point identification - either specific equipment designation or emission point number

from a plot plan.

- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
CO - carbon monoxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
SO₂ - sulfur dioxide
HF - hydrogen fluoride
HCl - hydrogen chloride
- (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 ___Days/week ___Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated January 8, 2007