

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20487

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**
71TGINC	No. 2 SRU Incinerator Vent	CO	7.90	
		SO ₂	12.78	
		NO _x	0.83	
		H ₂ S	0.07	
		VOC	0.05	
		PM ₁₀	0.06	
69TGINC	No. 1 SRU Incinerator Vent	CO	5.30	
		SO ₂	17.03	
		NO _x	1.52	
		H ₂ S	0.01	
		VOC	0.10	
		PM ₁₀	0.14	
	Combined No. 1 and No.2 SRU Incinerator Vent	CO		19.22
		SO ₂		92.12
		NO _x		5.18
		H ₂ S		0.26
		VOC	0.31	
		PM ₁₀	0.43	
37S2RKCBN	Railcar Loading	Sulfur Vapor	0.01	0.01
		H ₂ S	0.01	0.01
71SRU2FUG	No. 2 SRU Fugitives (4)	NH ₃	0.05	0.20
		H ₂ S	0.10	0.42
		VOC	0.01	0.03
		Sulfur Vapor	0.10	0.45
69SRU1FUG	No. 1 SRU Fugitives (4)	NH ₃	0.05	0.20

H ₂ S	0.10	0.42	
VOC	0.01	0.03	
Sulfur Vapor		0.10	0.45
NH ₃		0.03	0.12
H ₂ S		0.06	0.26
VOC	0.16	0.70	

72SCOTFUG SCOT Fugitives (4)

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
74SWSFUG	SWS Fugitives (4)	NH ₃	0.05	0.24
		H ₂ S	0.05	0.25
74TANK0001	Tank T-001	NH ₃	0.01	0.01
		H ₂ S	0.03	0.08
		VOC	0.78	0.70
74TANK0002	Tank T-002	NH ₃	0.01	0.01
		H ₂ S	0.03	0.08
		VOC	0.78	0.70
74TANK0003	Tank T-003	VOC	4.18	0.28

- (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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- H₂S - hydrogen sulfide
- NH₃ - ammonia
- PM₁₀ - particulate matter equal to or less than 10 microns in diameter.

CO - carbon monoxide

(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:

24 Hrs/day 7 Days/week 52 Weeks/year or _____ Hrs/year

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

Dated November 13, 2006