

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19169

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**
VCM-1	Incinerator	Cl ₂	4.00	17.52
		NO _x	3.00	13.14
		CO	12.70	4.87
		HCl	1.00	4.38
		PM	1.00	4.38
		SO ₂	0.10	0.44
		VOC	0.15	0.66
VCM-2	Incinerator	Cl ₂	4.00	17.52
		NO _x	3.00	13.14
		CO	12.70	4.87
		HCl	1.00	4.38
		PM	1.00	4.38
		SO ₂	0.10	0.44
		VOC	0.15	0.66
VCM-3	Lime Neutralization Vent	HCl	0.02	0.10
VCM-4	VCM Furnaces	NO _x	5.20	12.00
		CO	13.00	57.10
		PM	1.20	5.29
		SO ₂	1.00	4.38
		VOC	0.68	2.96
		NH ₃	1.43	6.26
VCM-5	Decoke Drum	CO	43.70	***
		VOC	5.00	***
VCM-6	Decoke Drum	CO	43.70	***
		VOC	5.00	***

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VCM-22	Decoke Drum	CO	43.70	***
		VOC	5.00	***
VCM-5, 6, and 22	Decoke Drums	CO	***	15.72
		VOC	*** 1.80	
VCM-8	Cooling Tower	VOC	18.20	7.93
		VCM 18.20	7.93	
VCM-9	Fugitives (4)	VOC	4.08	17.86
		VCM 0.87	3.81	
		Cl ₂	0.17	0.73
		HCl	0.30	1.30
		NH ₃	0.13	0.58
VCM-20	Limestone Unloading	PM	0.04	0.01
VCM-21	VCM Furnaces	NO _x	2.61	6.00
		CO	6.52	28.60
		PM	1.65	7.23
		SO ₂	0.50	2.20
		VOC	0.34	1.48
		NH ₃	0.72	3.13
VCM-23	Incinerator	Cl ₂	4.00	17.52
		NO _x	3.00	13.14
		CO	12.70	4.87
		HCl	1.00	4.38
		PM	0.23	1.00
		SO ₂	0.10	0.44
		VOC	0.15	0.66
VCM-24	Cooling Tower	VOC	13.20	5.80
		VCM 13.20	5.80	

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

EMISSIONS FROM SOURCES AND MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀

CO - carbon monoxide

HCl - hydrogen chloride

Cl₂ - chlorine

NH₃ - ammonia

VCM - vinyl chloride monomer

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

*** Decoke emissions for EPNs VCM-5, VCM-6, and VCM-22 shall not exceed the combined annual emissions listed under EPN VCM-5,6, and 22

* 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 October 25, 2001